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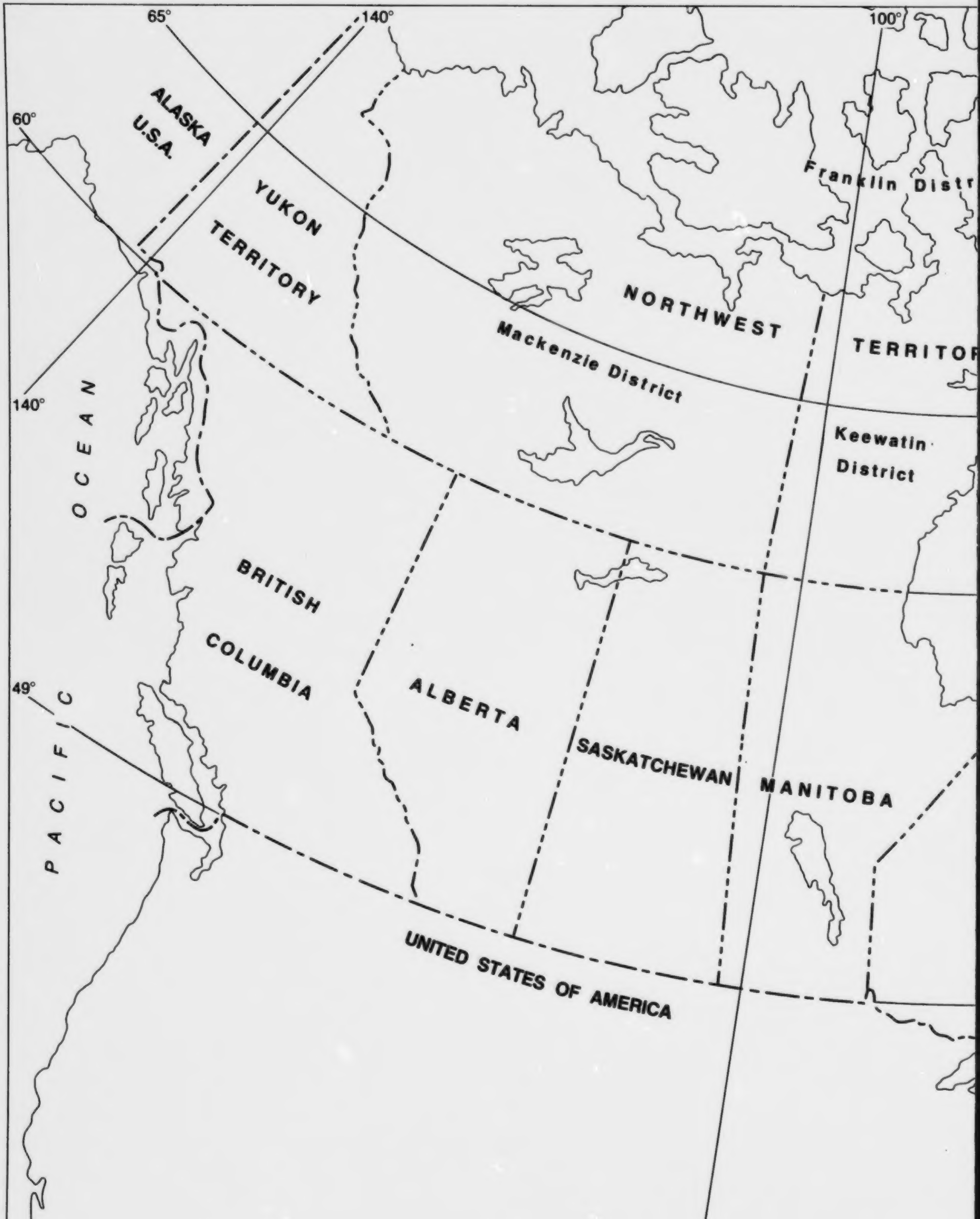
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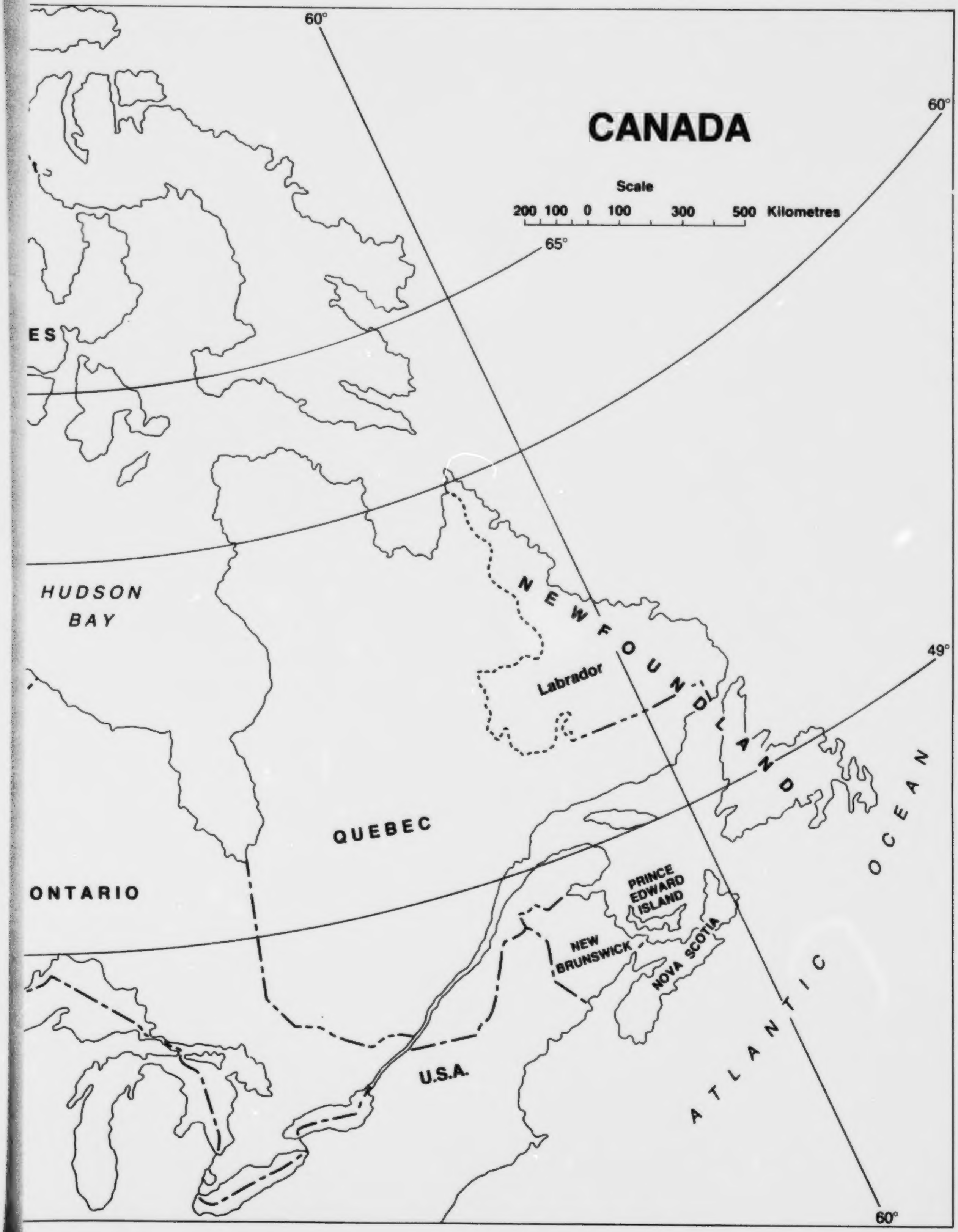
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COMPENDIUM OF PLANT DISEASE AND DECAY FUNGI IN CANADA
1960-1980

J. H. Ginns
Biosystematics Research Centre
Ottawa, Ontario

Research Branch
Agriculture Canada
Publication 1813 1986

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Available in Canada through

Associated Bookstores
and other booksellers

or by mail from

Canadian Government Publishing Centre
Supply and Services Canada
Ottawa, Canada K1A 0S9

Catalogue No. A43-1813/1986 E Canada: $23.40
ISBN 0-660-12223-5 Other Countries: $28.10

Price subject to change without notice

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Req. No. 01796-6-B967

Canadian Cataloguing in Publication Data

Ginns, J. H. (James Herbert)

Compendium of plant disease and decay fungi in Canada, 1960-1980

Introduction in English and French.
Companion volume to: An annotated index of plant diseases in Canada / by I.L. Conners. 1967.

1. Plant diseases — Canada. 2. Fungi, Phytopathogenic — Canada. I. Canada. Agriculture Canada. II. Conners, Ibra L. (Ibra Lockwood). An annotated index of plant diseases in Canada. III. Title.

SB605.C3G56 1986 632'.3'0971 C86-099203-9

About the author ...

James H. Ginns, whose major research interest lies in the biology of wood-decaying fungi, has been a research mycologist with Agriculture Canada in Ottawa since 1969. He has worked as a forest pathologist for the Canadian Forestry Service, Victoria, British Columbia; the International Paper Co., Bainbridge, Georgia; and the United States Forestry Service, Upper Darby, Pennsylvania. His field studies have been concentrated on northern forests from the Yukon to Newfoundland. He has published nearly 80 scientific papers and is an active member of several professional societies. He holds Ph.D. degrees from the State University of New York and Syracuse University and has received training in plant pathology at West Virginia University and in forestry at the University of Connecticut.

Note sur l'auteur ...

Spécialisé en biologie des champignons déprédateurs du bois, James Ginns est depuis 1969 mycologiste chercheur au ministère de l'Agriculture du Canada à Ottawa. Auparavant, il avait occupé la fonction de pathologiste forestier pour le Service canadien des forêts, à Victoria (C.-B.), de la société International Paper à Bainbridge (Georgie) et du Service américain des forêts, à Upper Darby (Pennsylvanie). Ses travaux sur le terrain se sont concentrés sur la forêt boréale, du Yukon à Terre-Neuve. Il a à son actif près de 80 publications scientifiques et est membre à part entière de plusieurs sociétés savantes. Il détient des doctorats des universités de New York et de Syracuse et a reçu sa formation en pathologie végétale à l'Université de Virginie occidentale et en foresterie à l'Université du Connecticut.

FOREWORD

This publication, Compendium of plant disease and decay fungi in Canada, by J. Ginns, covering the period 1960-1980 inclusive, is a notable achievement that meets a specific need. Its predecessor, An annotated index of plant diseases in Canada, by I. L. Conners, published in 1967, was a landmark in Canadian plant pathological literature. Covering more than a century of investigations these two companion volumes provide an invaluable record of the occurrences of diseases of cultivated and wild plants and their associated fungi. The provision of a ready access to Canadian plant pathological literature by host, pathogen, and geographical region is a most valuable reference for pathologists involved in disease control and in international plant quarantine.

This compendium is needed not only because of the many additions to our knowledge of pathogens and related fungi over the last 21 years, but also to correct and strengthen those parts of Mr. Conners' publication that are recognized as being inadequate. Fungal taxonomy changes, and the compendium gives an update of nomenclature and synonomy that reflects the current taxonomic status of the fungi involved.

Although much of the Canadian phytopathological literature of recent years has not contained accurate appraisals of losses caused by crop diseases, Dr. Ginns has included recorded estimates of losses as well as several opinions expressed about wood decays and other damage caused by resident fungi to harvested products of forestry and agriculture. Such statements will aid in identifying areas worthy of research undertakings.

Mature scientists never fail to be impressed by the potential usefulness of detailed observations recorded in the literature. Many great scientific discoveries have stemmed from research triggered by reflecting on previously recorded facts of unrevealed significance. Therefore, the information in this compendium should prove stimulative in unraveling probable interactions among fungal pathogens, resident fungi, and their environmental substrata. For this reason, the inclusion in this index of fungi found growing on dead parts of living plants, particularly forest trees, is warranted. Because one of the purposes of this index is to facilitate the identification of fungal specimens, there is ample justification for including perthophytes that may have an impact yet to be revealed to industrial mycology.

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INTRODUCTION

This compendium is a summary of the records of fungi on cultivated and wild vascular plants in Canada that have been collected and published from 1960 to the end of 1980. Nearly 600 genera of host plants are included and over 3900 species of fungi are recognized. Many of these fungi such as stem rust of wheat (*Puccinia graminis* f. sp. *tritici*) and root rot of Douglas fir (*Phellinus weirii*) cause plant diseases that significantly decrease crop yield or reduce postharvest quality. Included are many fungi whose economic importance, whether significant or insignificant, has not been demonstrated either because the fungi are rare or because their impact has not yet been studied. Because the main purpose of this compendium is to facilitate the identification of pathological specimens, it was decided to include those fungi that occur in association with disease symptoms or on dead plant tissue rather than to restrict it to known pathogens. Often the relationship between the fungus and the substrate is not fully understood and in some cases fungi thought to be unimportant were later discovered to be very important. In addition, there are those pathogens that exist in the mycelial state in the live host plant and only produce the more easily identified fruiting bodies after the host has died. The correct identification and cataloguing of plant pathogens is the basis of plant pathology, from the formulation of plant quarantine regulations to breeding for disease resistance.

Losses caused by plant disease fungi are only partially documented. Losses caused by some fungi have not been determined, whereas losses caused by other diseases are relatively well known. Cereal diseases have been the subject of detailed analysis in Manitoba [672]. In 1971 losses from diseases in wheat, barley, and oats were 174.5, 115.7, and 24.7 thousand tonnes or 8.8%, 5.1%, and 2.2% of the potential production [672]. These figures include losses caused by bacteria, viruses, and so on, as well as the fungi. The use of disease-resistant varieties has been effective in limiting the losses caused by some diseases. For example, the 1979 estimated annual value of wheat stem resistance in Manitoba and southeastern Saskatchewan was $217 million [637].

In forestry, the disease losses are divided into decays, hypoxylon canker, miscellaneous diseases, and dwarf mistletoes, which caused between 1977 and 1981 an estimated annual depletion of 44.9 million cubic metres of wood. The annual loss from decays is estimated to be 25 million cubic metres, a volume equivalent to nearly one-fifth of the wood harvested annually in Canada. Most of the losses caused by decay result from the actual destruction of wood by stem decays; the remainder is due to growth reduction and tree mortality caused by root decays. Hypoxylon canker, through tree mortality, caused the loss of 11.2 million cubic metres of wood.

Records of disease losses that have come to my attention have been inserted in the text. Many of these reports appeared in the annual reports of the Research Branch, Agriculture Canada, or the annually issued Forest Insect and Disease Conditions in Canada from the Canadian Forestry Service.

Another purpose of this volume is to provide easy access to the recent literature on Canadian plant pathology by host and by geographical location. It is a summary of what has been accomplished in Canada from 1960 to the end of 1980.

This volume also represents a step toward the production of a flora of Canadian fungi. The most extensive summary of Canadian fungi to date is An annotated index of plant diseases in Canada by I. L. Conners. Published in 1967, Mr. Conners' book provides an account from the beginnings of Canadian plant pathology through to the end of 1959 with the occasional citation from the early 1960's. His commentary is an invaluable view of our history in plant pathology and mycology, and is a record of observations on disease epidemiology and the economic significance of plant diseases. In 1983 Gourley [603a] published an important paper, "An annotated index of the fungi of Nova Scotia."

This compendium is intended to be a companion volume to Mr. Conners' book. Unlike Conners' book, which included bacterial and viral diseases, physiological disorders, and mineral deficiencies, only plant disease and decay fungi are listed. Because of the recent increased volume of literature on these subjects, they have been excluded from this compendium. Furthermore, Conners included diseases from Alaska and Greenland, whereas this compendium deals only with Canadian reports. Despite the narrower scope and the briefer nature of the comments in the compendium, the explosion of plant pathology literature in the 21 years surveyed resulted in this volume being as large as Conners'. The format is similar to Conners', thereby facilitating consultation between the two volumes. The entries in the compendium are cross-referenced to Conners' book so the reader immediately knows whether Conners treated that fungus. Conners put a strong emphasis on the historical aspects, whereas the compendium provides a guide to the recent literature as well as an index of contemporary names for the fungi. The compendium concentrates on literature published from 1960 through to the end of 1980, but it also includes some earlier references not cited by Conners.

Only reports linking the name of the fungus, the geographic locality, and at least the generic name of the host plant are included. A few records where the linkage was unclear are included, based on verification from cited specimens present in the National Mycological Herbariam (DAOM). Some reports had to be excluded because the information was too vague, for example, if the host was simply reported as "on twigs." Also, some groups of fungi were excluded, such as the well-known mycorrhizal species that are beneficial to the growth of the host plant and provide a degree of disease resistance and epiphytic lichenized fungi.

The geographic localities cited for the fungus records are the provinces and territories, or subdivisions of them. These units and their abbreviations used in the text are, from northwest to east: Yukon Territory (Yukon); Northwest Territories (NWT) or its districts, Mackenzie (Mack), Keewatin (Keew), and Franklin (Frank); and the 10 provinces, British Columbia (BC), Alberta (Alta), Saskatchewan (Sask), Manitoba (Man), Ontario (Ont), Quebec (Que), New Brunswick (NB), Nova Scotia (NS), Prince Edward Island (PEI), and Newfoundland (Nfld). Some records cite

Labrador (Labr), the mainland portion of Newfoundland.

The entries in the compendium came primarily from monographs and journals that publish the results of scientific studies. The principal journals that were carefully reviewed were *Canadian Field-Naturalist*, *Canadian Journal of Botany*, *Canadian Journal of Forest Research*, *Canadian Journal of Plant Pathology*, *Canadian Journal of Plant Science*, *Proceedings of the Canadian Phytopathological Society*, *Canadian Plant Disease Survey*, *Forestry Chronicle*, *Fungi Canadenses*, *Mycologia*, *Mycological Papers (Kew)*, *Mycotaxon*, *Naturaliste canadien (Québec)*, *Phytoprotection*, *Plant Disease Reporter* and its successor *Plant Disease*, *Studies in Mycology (Baarn)*, and *Syesis*.

A diligent effort has been made by the mycologists of the Biosystematics Research Centre to update the nomenclature and synonymy and to link anamorphic and holomorphic names for the fungi that adequately reflect current taxonomic status. Some names remain in limbo because the revision of fungal groups is incomplete or they have not been considered in the recent taxonomic literature. Comments on obviously misplaced names are made in the text. Furthermore, considerable research effort was expended in the critical evaluation not only of the preferred name for a fungus but also of the validity of some reports, that is, had the fungus or the host been misidentified. Both corrections of misidentifications as well as questionable records are commented upon in the text.

The compendium is composed of four main sections: introduction, host index, bibliography, and fungal indexes. Within the host index the generic names of plants are arranged in alphabetical order. Only plant species recorded in the literature search are included. The fungi recorded on each plant genus are listed in alphabetical order. The authorities for the scientific names of the fungi are given only in the indexes, a space-saving arrangement.

ACKNOWLEDGMENTS

The gathering and organizing of the data in this volume was greatly facilitated by the conscientious and enthusiastic assistance of several people. Michael Sarazin compiled the majority of the citations and completed the initial revision of the raw data. He was succeeded by Sheila Thomson and Modra Kaufert, who completed the data compilation and dealt with revisions and corrections. Ms. Kaufert efficiently collated the final handwritten draft of the text, carefully proofread much of the manuscript, and dealt with numerous items in a most efficient manner. Joy Bowerman prepared the initial version of the paragraphs on the genera of host plants and provided valuable assistance in organizing the early stages of the project. Sylvie Séguin prepared most of the raw index and assisted in other ways. Mona Meredith efficiently typed the text and bibliography and Mary Ann Martin typed the index.

The Director of the Biosystematics Research Centre, Mr. G. A. Mulligan, has actively supported the project and allotted as much technical support as possible to the project. My colleagues in the Institute provided the necessary expertise to permit the taxonomic revision and updating of the fungus names. Because certain groups of fungi (that is, orders, and so on) appeared more frequently than others, some colleagues devoted a considerable amount of time to the taxonomic revisions, especially John Bissett, Michael Corlett, J. A. Parmelee, Robert Shoemaker, and George White. W. J. Cody, graciously answered many questions concerning the names and distribution of vascular plants.

The numerous discussions with Claire Lamoureux and Laurie Wilson of Research Program Services, as well as their efforts in formatting the manuscript, inserting revisions and making corrections, have made this volume a much improved product.

Due to the large number of entries the preparation of the genus index and the species index proved to be a muchmore complex, time consuming task than had been expected. The efforts of several individuals simplified my job in completing the indexes. John Bissett provided helpful suggestions on techniques, and Marilyn Olmstead, Louise Boardman and Doris Hyndford of Systems & Consulting Directorate expended considerable effort in developing a series of programs to manipulate the large data base and provide the output in the desired format.

AVANT-PROPOS

Embrassant la période 1960-1980, la publication Compendium des champignons des maladies des plantes et des pourritures du bois au Canada par J. Ginns est une remarquable réalisation qui répond à un besoin bien réel. Son prédécesseur, An Annotated Index of Plant Diseases in Canada, paru en 1967 sous la plume de I.L. Conners, a été un jalon de la bibliographie phytopathologique du Canada. Regroupant ainsi plus d'un siècle d'observations, les deux volumes constituent une source inestimable de renseignements sur la fréquence d'apparition des maladies des plantes cultivées ou sauvages ainsi que des champignons correspondants. Un accès rapide et facile à la bibliographie canadienne en ce domaine, par hôte, par pathogène et par région géographique, est un outil des plus précieux pour le pathologiste engagé dans les activités de lutte antiparasitaire ou les mesures de quarantaine phytosanitaire internationale.

Ce compendium se justifie non seulement à cause des nombreuses nouvelles connaissances sur les pathogènes et des champignons apparentés au cours des 21 dernières années, mais aussi pour corriger ou renforcer les parties de l'oeuvre de M. Conners qu'on jugeait non adéquates. La taxonomie des champignons évolue, aussi le compendium présente-t-il une mise à jour de la nomenclature et de la synonymie qui correspond à la situation taxonomique actuelle des champignons considérés.

Bien que dans l'ensemble la bibliographie phytopathologique récente du Canada ne renferme pas d'évaluations exactes des pertes causées par les maladies des cultures, le D^{r} Ginns a inséré les chiffres publiés des pertes ainsi que plusieurs avis exprimés sur les pourritures du bois et sur les autres dépradations causées aux produits de la forêt et de l'agriculture. Ces opinions permettront de mieux cerner les domaines appelant de nouvelles recherches.

Les chercheurs chevronnés sont toujours impressionnés par l'utilité éventuelle des observations détaillées qui sont consignées dans la bibliographie. Plus d'une grande découverte scientifique découle de recherches inspirées par des réflexions sur des faits déjà rapportés, mais dont on n'avait pas encore dégagé toute l'importance. L'information réunie dans ce Compendium devrait donc servir de stimulant pour l'élucidation des interactions possibles entre les champignons pathogènes, la mycoflore permanente et leur substrat écologique. C'est pourquoi l'auteur a jugé bon d'inclure dans ce recueil les champignons trouvés sur les parties nécrosées des plantes vivantes, en particulier les arbres forestiers. Comme l'un des buts du compendium est de faciliter l'identification des spécimens fongiques, il y a toute raison d'y inclure les perthophytes dont les incidences pour la mycologie industrielle restent encore à élucider.

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INTRODUCTION

Ce compendium est le résumé des observations faites sur des champignons qui croissaient sur des plantes vasculaires cultivées et sauvages recueillies et publiées de 1960 à la fin de 1980. Il comporte près de 600 genres de plantes-hôtes et plus de 3 900 espèces de champignons reconnus. Un grand nombre de ces champignons, comme la rouille de la tige du blé (*Puccinia graminis* f. sp. *tritici*) et la pourriture des racines du Douglas (*Phellinus weirii*) causent des maladies qui abaissent de façon significative le rendement des cultures ou leur qualité postrécolte. On trouvera aussi nombre de champignons dont l'importance économique, réelle ou anodine, n'a pas été confirmée parce que le champignon en cause est rare, ou que ses effets n'ont pas encore été étudiées. Comme l'objet premier de cet ouvrage est de faciliter l'identification des prélèvements pathologiques, on a jugé bon d'y inclure les champignons qui existent en association avec les symptômes de maladies ou sur les tissus végétaux morts, plutôt que de se limiter aux pathogènes connus. Souvent on ne comprend pas complètement les rapports entre le champignon et son substrat et dans certains cas des champignons qu'on croyait négligeables se sont révélés très importants. Il y a aussi les pathogènes qui vivent au stade mycélien dans la plante-hôte vivante et ne produisent les fructifications plus facilement identifiables qu'après la mort de l'hôte. L'identification et le catalogage précis des pathogènes des plantes est le fondement de la phytopathologie, depuis l'établissement des règlements phytosanitaires jusqu'à la sélection axée sur la résistance aux maladies.

Les pertes imputables aux champignons phytopathogènes ne sont que partiellement répertoriées, celles causées par quelques espèces n'ont pas été établies du tout et pour d'autres maladies on n'en a qu'une idée incomplète. Les maladies des céréales ont fait l'objet d'analyses détaillées au Manitoba (672). En 1971, les pertes causées par les maladies du blé, de l'orge et de l'avoine s'établissaient, respectivement, à 174,5 115,7 et 24,7 milliers de tonnes, soit l'équivalent de 8,8, 5,1, et 2,2 % de la production potentielle (672). Ces chiffres comprennent les manques à produire causés par les bactéries, les virus et les organismes apparentés aussi bien que par les champignons. L'usage de variétés résistantes aux maladies a permis de limiter les pertes provoquées par certaines maladies. Ainsi, on attribue à la résistance à la rouille de la tige du blé une valeur de sauvegarde de quelque 217 millions de dollars en 1979 au Manitoba et dans le sud-est de la Saskatchewan (637).

Dans l'exploitation forestière, les déperditions causées par les maladies se divisent en pourritures, chancre à hypoxylon, maladies diverses et faux-gui qui ensemble ont occasionné entre 1977 et 1981 une perte annuelle approximative de 44,9 millions de mètres cubes de bois. Les pertes causées par les seules pourritures s'évaluent à 25 millions de mètres cubes par an, soit l'équivalent de près du cinquième de la récolte annuelle de bois au Canada. Pour la plupart, elles résultent de la destruction du bois par les chamignons lignivores, le restant étant associé à une diminution de la croissance et à la mortalité des arbres causées par les pourridiés. Le chancre à hypoxylon, en causant la mort des arbres, est responsable d'une perte de 11,2 millions de mètres cubes de bois.

Les mentions des pertes qui ont été portées à mon attention ont été insérées dans le corps du texte. Elles provenaient pour une grande part de rapports annuels de la Direction générale de la recherche à Agriculture Canada ou de la livraison annuelle de Insectes et maladies des forêts au Canada publiée par le Service canadien des forêts.

Un autre but de cet ouvrage est de faciliter l'accès à la bibliographie récente de la pathologie végétale au Canada, par hôte et par emplacement géographique. Sous ce rapport, c'est le résumé de tout ce qui s'est fait au pays de 1960 à la fin de 1980.

Ce compendium constitue en outre une étape vers la constitution d'une flore mycologique du Canada. Le répertoire le plus complet jusqu'à ce jour des champignons du Canada est l'Index des maladies des plantes au Canada de I.L. Conners, paru en 1967. Cet ouvrage remonte aux débuts de la phytopathologie canadienne et s'étend jusqu'à la fin de 1959, complété de quelques références du début des années 1960. Les commentaires de Conners offrent un coup d'oeil inestimable sur l'histoire de notre pathologie et de notre mycologie végétales et constitue une mine d'observations sur l'épidémiologie et l'importance économique des maladies des plantes. En 1983, Gourley (603 a) publiait l'important recueil An Annotated Index of the Fungi of Nova Scotia.

Ce compendium a été conçu pour accompagner l'ouvrage de Conners, dont il se distingue toutefois en se limitant aux champignons des maladies des plantes et des pourritures du bois, alors que Conners étendait son enquête aux maladies bactériennes et virales, aux troubles physiologiques et aux carences minérales. Par suite de l'accroissement récent de la bibliographie touchant ces trois derniers domaines, l'auteur a cru bon de les exclure du compendium. En outre, Conners traitait aussi des maladies observées en Alaska et au Groenland, tandis que nous ne retenons ici que les observations signalées au Canada. Même en limitant le champ de nos observations, en réduisant les commentaires à l'essentiel, cet ouvrage s'avère aussi volumineux que celui de Conners à cause de la surabondance bibliographique qui s'est développée en phytopathologie au cours des 21 années durant lesquelles s'est déroulée cette étude. La présentation adoptée est la même que celle de Conners ce qui facilite d'autant la consultation des deux recueils et de plus les espèces traitées dans le compendium portent le cas échéant un renvoi à l'ouvrage de Conners. Alors que Conners accordait une grande place aux aspects historiques, le compendium fournit un guide de la bibliographie récente ainsi qu'un index des appellations contemporaines des champignons. Il se concentre sur la bibliographie parue entre 1960 et la fin de 1980, mais il ajoute quelques références antérieures non relevées par Conners.

Seules ont été consignées les mentions réunissant le nom du champignon, l'emplacement géographique et au moins le nom générique de la plante-hôte. On a toutefois inclus quelques mentions où cette associa tion n'était pas claire, mais seulement après vérification des prélèvements confirmés de l'Herbier mycologique national (DAOM). Quelques entrées ont dû être rejetées parce que trop vagues, par exemple l'hôte était décrit simplement par la mention << sur brindilles >>. On a également omis certains groupes de champignons, notamment les espèces mycorhiziennes bien connues qui favorisent la croissance de la plante-hôte et lui confèrent un certain degré de résistance aux maladies. On a aussi écarté les champignons lichénisés épiphytes.

Les emplacements géographiques associés aux mentions d'un champignon sont les provinces et les territoires, ou des circonscriptions plus réduites. Les unités adoptées et leurs abréviations sont, du nord-ouest au sudest, le Territoire du Yukon (Yukon), les Territoires du Nord-Ouest (NWT) ou ses districts: Mackenzie (Mack), Keewatin (Keew) et Franklin (Frank); les dix provinces: Colombie-Britannique (BC), Alberta (Alta), Saskatchewan (Sask), Manitoba (Man), Ontario (Ont), Québec (Que), Nouveau-Brunswick (NB), Nouvelle-Ecosse (NS), Ile-du-Prince-Edouard (PEI) et Terre-Neuve (Nfld). Certaines mentions sont faites du Labrador (Labr), la portion continentale de Terre-Neuve.

Les entrées du compendium proviennent essentiellement de monographies et de revues qui publient les résultats d'études scientifiques. Les principales revues scientifiques compulsées sont: *Canadian Field Naturalist*, *Canadian Journal of Botany*, *Canadian Journal of Forest Research*, *Canadian Journal of Plant Pathology*, *Canadian Journal of Plant Science*, *Proceedings of the Canadian Phytopathological Society*, *Canadian Plant Disease Survey*, *Forestry Chronicle*, *Fungi Canadenses*, *Mycologia*, *Mycological Papers (Kew)*, *Mycotaxon*, *Naturaliste canadien (Québec)*, *Phytoprotection*, *Plant Disease Reporter* et son successeur *Plant Disease*, *Studies in Mycology (Baarn)*, et *Syesis*.

Les mycologistes du Centre de recherches biosystématiques ont abattu un gros travail de mise à jour de la nomenclature et de la synonymie et se sont attachés à rapprocher les noms anamorphes et holomorphes qui reflètent bien la situation taxonomique récente. Certains noms ne sont pas mentionnés parce que la révision des groupes de champignons est incomplète ou parce qu'ils n'ont pas été retenus dans les récentes publications taxonomiques. Le corps du texte présente des commentaires sur les erreurs évidentes de noms. En outre, on a consacré beaucoup de recherches à évaluer d'un oeil critique, non seulement le nom le plus commun de certains champignons, mais aussi la validité de certaines informations, c.-à-d. l'éventualité d'une mésidentification du champignon ou de son hôte. Les corrections des erreurs d'identification de même que les informations douteuses font l'objet de commentaires dans le corps du texte.

Ce compendium se compose de quatre grandes sections: introduction, index des hôtes, bibliographie et index des champignons. A l'intérieur de l'index des hôtes, les noms de genres des plantes sont rangés par ordre alphabétique et seules sont incluses les espèces relevées dans la recherche bibliographique. Les champignons énumérés pour chaque genre de plante sont donnés par ordre alphabétique. Par souci d'économie de place, les auteurs des appellations scientifiques des champignons ne sont mentionnés que dans les index.

REMERCIEMENTS

La collecte et l'organisation des données ont été grandement facilitées par la collaboration minutieuse et enthousiaste de nombreuses personnes. Michael Sarazin a colligé la plupart des citations et s'est chargé de la première lecture des données brutes. Il a ensuite cédé la place à Sheila Thomson et Modra Kaufert qui ont terminé la compilation des données et apporté les révisions et corrections nécessaires. M^{me} Kaufert s'est occupé de l'organisation du manuscrit définitif et de la correction d'une bonne partie du texte en plus de s'occuper de divers autres aspects de la publication. Joy Bowerman a rédigé la version première des paragraphes sur les genres des plantes-hôtes et a apporté une aide précieuse à l'organisation des premières étapes du projet. Sylvie Séguin a préparé la plus grosse partie de l'index brut, cependant que Mona Meredith se chargeait de la dactylographie du texte et de la bibliographie et Mary Ann Martin de celle de l'index.

G.A. Mulligan, directeur du Centre de recherches biosystématiques a apporté son soutien constant à ce projet. Mes collègues de l'Institut ont mis leur expérience à contribution pour les révisions taxonomiques et la mise à jour des appellations des champignons. Comme certains groupes de champignons (ordres et ainsi de suite) paraissaient plus fréquemment que d'autres, quelques collègues ont passé beaucoup de temps aux révisions taxonomiques, en particulier John Bissett, Michael Corlett, J.A. Parmelee, Robert Shoemaker et George White. Enfin, W.J. Cody a aimablement éclairci de nombreuses questions concernant les noms et la répartition géographique des plantes vasculaires.

Les nombreuses discussions avec Claire Lamoureux et Laurie Wilson du Service de programmes de recherche ainsi que leur collaboration à la révision et la correction du manuscrit ont grandement contribué à l'améloriation de cet ouvrage.

Vu le nombre élevé d'insertions, la préparation de l'index des genres et espèces s'est avérée plus fastidieuse que prévue. De nombreux collaborateurs en ont facilité la réalisation, John Bissett du Centre de recherche biosystématique pour ses suggestions d'ordre technique, Marilyn Olmstead, Louise Boardman et Doris Hyndford de la Direction des systèmes et services consultatifs pour les efforts a la mise au point de programmes destinés à la manipulation d'énormes banques de données et la présentation générale du travail.

ABIES Mill. PINACEAE

1. *A. alba* Mill., silver fir, sapin argenté; imported from Europe.
2. *A. amabilis* (Dougl.) Forb., amabilis fir, sapin amabilis; native, confined to the coast forest region of BC, unknown in Queen Charlotte Islands.
3. *A. balsamea* (L.) Mill., balsam fir, sapin baumier; native, occurs widely from c. Alta-Nfld & Labr.
4. *A. concolor* (Gord.) Lindl., white fir, sapin concolore; imported from s. USA & Mexico.
5. *A. grandis* (D. Don ex Lamb.) Lindl., grand fir, sapin de Vancouver; native, BC in s. coastal regions and s. interior wet belt.
6. *A. holophylla* Maxim., needle fir, sapin à aiguilles; imported from Asia.
7. *A. homolepis* Siebold & Zucc., Nikko fir, sapin de Nikko; imported from Japan.
8. *A. lasiocarpa* (Hook.) Nutt., alpine fir, sapin de l'ouest; native, in subalpine forest region of Yukon, BC & w. Alta.
9. *A. mariessi* M.T. Mast; imported from Japan.
10. *A. pinsapo* Boiss., spanish fir, sapin d'Espagne; imported from Spain.
11. *A. sacchalinensis* (Friedr. Schmidt) M.T. Mast, Sakhalin fir, sapin de Sakhaline; imported from Japan. 11a. *A. s.* var. *mayriana* Myiabe & Kudo; imported from Japan.
12. *A. veitchii* Lindl., Veitch fir, sapin de Veitch; imported from Japan.
13. Host species not named, i.e., reported as *Abies* sp.

Acanthostigma parasiticum: on 3 NB [1032].

Aecidium sp.: on 3 Que [282].

Aleurocystidiellum subcruentatum: on 5 BC [1012].

Aleurodiscus sp.: on 3 Ont [1341, 1827]; on 8 NWT-Alta [1063].

A. abietis (C:5): on 3 Ont, Que, NS [964]; on 5 BC [1012]; on 13 BC [964]. Lignicolous.

A. amorphus (C:5): on 2, 4, 5, 8, 10 BC [1012]; on 3 Sask, Ont, Que, NS [964]; on 3 Ont [1341, 1827], Que [282, 969, 1377, 1385, F61, F74, F76], NB, NS, PEI [1032], Nfld [1659, 1660, 1661]; on 5, 8 BC [964]; on 8 Yukon [460] as DAOM 118961, NWT-Alta [1063], Alta [950]; on 13 NB [1032]. Apparently this fungus can invade only weakened and/or dying tissue, i.e., suppressed branches in the lower crown or recently up-rooted trees. Associated with a white rot. Reports from the Rocky Mountains and westward are probably *A. grantii* [576].

A. canadensis (C:5): on 3 Ont [1341], Que [969, 964]. Associated with a white rot.

A. laurentianus (C:5): on 3 Que [964]. Lignicolous.

A. lividocoeruleus: on 3 Ont [964, 1341], Que [969]. Associated with a white rot.

A. penicillatus (C:5): on 5 BC [964]. Associated with a white rot.

Allescheria terrestris: on 3 NB [1610].

Alternaria sp.: on purposely wounded 3 Que [910].

A. alternata (*A. tenuis* auct.): on 3 Que [454], Nfld [1661].

Alysidium resinae var. *resinae*: on 3 Man [1760].

Amphinema byssoides (Peniophora b.) (C:8): on 3 Que [969], NS [1032]; on 8 NWT-Alta [1063], BC [1012], Alta [950]. On rotted wood and debris, probably mycorrhizal, reported to be associated with a white rot.

Amphisphaeria sp.: on 3 Que [F60].

A. juniperi (C:5): on 13 NS [1032].

Amylocorticium cebennense (Corticium c.): on 3 Ont [1939], NS [1032, 1939]. Associated with a brown rot.

Amylostereum chailletii (Stereum c.) (C:10): white stringy rot, carie blanche filandreuse: on 2, 5, 8 BC [1012]; on 2 NB [1032]; on 3 Ont [95, 1742, 1964, F74], Que [95, 456, 454, 648, 969, 910 purposely wounded, 1672], NB [95, 1032, 1341, 1742, 1740], NS [1032], Nfld [95, 1659, 1661, F62]; on 8 BC [1233, 1718, 1719]; on 13 BC [1233].

Anomoporia albolutescens (Poria a.) (C:9): on 8 BC [1012]. Associated with a brown rot.

Antennatula lumbricoidea (Hyphosoma l., H. abietis) (C:7): sooty mold, fumagine: on 2 BC [1012].

Antrodia albida (Coriolellus sepium) (C:5): on 3 NB [1032]. Associated with a brown rot.

A. carbonica (Poria c.) (C:9): on 5 BC [1012]; on 13 Ont [1828]. Associated with a brown rot.

A. crustulina (Poria c.) (C:9): on 3 Ont [1341], NS [1032]; on 5, 8 BC [1012]. Associated with a white rot.

A. gossypia (Polyporus destructor var. *resupinatus)* (C:9): on 5 BC [1012]. Associated with a brown rot.

A. heteromorpha (Coriolellus h., Trametes h.) (C:5): on 3 Ont [1341], NS [1032], Nfld [1659, 1660, 1661]; on 8 BC [1012]. Associated with a brown rot.

A. lenis (Poria l.): on 13 BC [1012]. Associated with a white rot.

A. lindbladii (Poria cinerascens) (C:9): on 3 Ont [1341], Que [F71]; on 8 BC [1012]. Associated with a white rot.

A. serialis (Trametes s.): on 8 BC [1012]. Associated with a brown rot.

A. sordida (Poria oleagina): on 8 NWT-Alta [1063], Alta [950]. Associated with a brown rot.

A. variiformis (Coriolellus v., Trametes v.) (C:5): on 3 Ont [1341], NS [1032]; on 8 BC [1012]. Associated with a brown rot.

A. xantha (Poria x.) (C:9): on 8 BC [1012, 1341]. Associated with a brown rot.

Anungitea fragilis: on 3 Man [1760].

Appendiculella pinicola (Meliola p.): on 3 Nfld [1660, F73, F74].

Armillaria mellea (C:5): root-rot, pourridié-agaric: on 2, 8 BC [1012]; on

3 Alta, Sask, Man [F63] also Alta [950], Man [F62], Ont [1341, 1964, 1966, 1956, 1957, F61], Que [910, 1377, 1672, F65, F66, F69, F73, F76], NB [1032, 1742], NS [1032, F73, F74, F75], Nfld [780, 1659, 1660, 1661, 1663, F62, F64, F65, F66, F67, F73, F74] also Sask, Man [F67], Ont, Que, NB, NS [F71, F72] and Que, NB [F68, F74, F75]; on 3, 8, 13 NWT-Alta [1063]; on 5 BC [F75]; on 3, 6 Nfld [F69]; on 6, 7, 9, 11, 11a, 12 Nfld [1661, 1663]; on 8 BC [1397, 1718, 1730, F65]; on 13 BC [1397], Nfld [781, 1661, F69, F71]. Associated with a white rot.

Ascocalyx abietis (Godronia a.) (anamorph *Bothrodiscus berenice*) (C:5): twig blight, brûlure des rameaux: on 3 Sask, Man [F67, F68, F69], Man [F66], Ont [411, F60, F61], Que [1690], NB, NS, PEI [1032].

A. tenuisporus: on 8 Yukon [460, 658], BC [658, 1012].

Ascochyta sp.: on 8 BC [1012].

Ascocoryne sarcoides: on 3 Ont [1966], Que [910] purposely wounded, NB [1610]; on 5, 8 BC [1012].

Aspergillus sp.: on 3 Que [932] purposely wounded, NB [1610].

A. fumigatus: on 3 NB [1610].

Asterina sp.: on 2 BC [1615]; on 2, 5 BC [1012].

Asterodon ferruginosus (C:5): on 3 Ont [1964], NB [1032]; on 8 BC [1012]. Associated with a white rot.

Asterostroma cervicolor: on 3 NS [1032]. Associated with a white rot.

Athelia epiphylla: on 8 BC [1012]. Associated with a white rot.

A. neuhoffii: on 3 Que [969]. Associated with a white rot.

A. pellicularis (Corticium p.) (C:6): on 3 PEI [1032]; on 8 BC [1012]. Lignicolous. The characters to be associated with this name are uncertain.

Atichia glomerulosa: on 5 BC [1012].

Aureobasidium sp.: on 3 NB [1610]; on 8 BC [502, 1012].

A. pullulans (C:5): on 3 Que [1216], NB [1032, 1610].

Auricularia auricula (A. auricularis) (C:5): on 3 NWT-Alta [1063], Ont [423, 1341, 1827], Que [282, 423, 867], NB, NS [423, 1032], Nfld [1659, 1660], Labr [867]; on 8 Yukon [460], BC [423, 953, 1012, 1341], Alta [423, 950]. Lignicolous, on dead trees or logs.

Auriporia aurea (Poria a.) (C:9): on 8 BC [1012]. Associated with a brown rot.

Basidiodendron cinerea: on 3 Que [1016]. Lignicolous.

B. deminuta: on 13 Ont [1016]. Lignicolous.

B. nodosa: on 3 Que and on 13 Ont [1016]. Lignicolous.

B. subreniformis: on 13 Ont [1016]. Lignicolous.

Basidioradulum radula (Corticium hydnans, Radulum orbiculare) (C:6, 10): on 3 Que [969], NB [1032, 1742], NS [1032], Nfld [1659, 1660]. Associated with a white rot.

Battarrina sp.: on 5 BC [1012].

Bispora betulina: on 3 NB [1610].

Bjerkandera adusta (Polyporus a.) (C:9): on 3 Que [454]; on 8 BC [1012]. Associated with a white rot.

Bondarzewia montana (Polyporus m.) (C:9): on 5 BC [1012]. Associated with a white rot.

Bothrodiscus sp.: on 8 Yukon, BC [658].

B. berenice (B. pinicola) (holomorph *Ascocalyx abietis*) (C:5): on 3 Ont [1763, 1828, 1827, F68], Que [1763], Nfld [1659, 1660, 1661]; on 3, 4 Ont [1340].

Botryobasidium vagum (Pellicularia v.) (C:8): on 3 Ont [1341], Que [969], NS [1032]. Associated with a white rot.

Botryohypochnus isabellinus (Botryobasidium i.): on 3 Ont [1341]. Associated with a white rot.

Botryosphaeria abietina (C:5): on 3 Que [70]; on 5 BC [1012].

Brachysporiella sp.: on 3 NB [1610].

Byssochlamys sp.: on 3 NB [1610].

Caeoma sp.: on 8 Alta [1999].

Calcarisporium sp.: on 3 NB [1610].

C. abietis: on 3 Man [1760].

Caliciopsis pseudotsugae (C:5): on 2 BC [495, 1073, F64]; on 5 BC [493, 1012, F62].

Calocera viscosa (C:5): on 3 NS [1032]. Associated with a white rot.

Caloscypha fulgens (anamorph *Geniculodendron pyriforme*): on stored seeds of 5 BC [1749]. See *Picea*.

Camarosporium sp.: on 8 BC [F61].

C. strobilinum: on 8 BC [1012, F69].

Cellulosporium sp. (*Cytosporium* sp.): on 2 BC [1012]; on 3 Ont [1828].

Cenococcum graniforme: on 3 Ont [1964].

Cephalosporium sp.: on 3 Ont [1964], Que [910 purposely wounded, 1216, F65], NB [1032, 1610], Nfld [1661], e. Canada [95]; on 8 BC [1012].

Ceraceomyces borealis: on 2 BC [568]. Apparently associated with a brown rot.

C. serpens (Merulius s.): on 3 Ont [1341]; on 13 or *Picea* sp. Que [568]. Associated with a white rot.

C. sublaevis (Corticium microsporum): on 3 PEI [1032]. Lignicolous.

C. tessulatus: on 8 BC [1012]. Associated with a white rot.

Ceratocystis sp.: on 3 Nfld [1661], e. Canada [95]; on 8 BC [1012, F64, F65, F66].

C. aequivaginata: on 3 Man [1190].

C. albida: on 3 NB [1610]. Usually on *Ulmus*.

C. angusticollis: on 3 Man [1190], Ont [647, 1340].

C. bicolor: on 3 Ont [647, 1340].

C. brunneocrinita (C:5): on 3 Man [1190], Ont [647, 1340, 1983], Que [1983], NB [647, 1340].

C. concentrica: on 3 Man, Ont [1190].

C. conicicollis: on 3 Man, Ont [1190].

C. curvicollis: on 3 Man, Ont [1190].

C. dryocoetidis (anamorph *Verticicladiella d.*): on 8 BC [878, 1012, 1123, 1340, F64, F67].

C. leucocarpa: on 3 Man [1190].

C. magnifica: on 3 Ont [647, 1340].

C. minor: on 3 Man [1190], Ont [647, 1340].

C. minuta: on 3 Man [1190], Ont [647, 1340].

C. nigra: on 3 Ont [647, 1340].

C. ossiformis: on 3 Man [1190].

C. parva: on 3 Man, Ont [1190].

C. piceae: on 3 Ont [647, 1340], Que [454], NB [1610].

C. pilifera: on 3 Man [1190].

C. tubicollis: on 3 Man [1190].

Ceratosphaeria rhenana: on 3 Ont [1340].

Ceriporia tarda (Poria t.) (C:9): on 8 BC [1012]. Associated with a white rot.

Cerocorticium hiemale (Corticium h.): on 3 Ont [965]. Lignicolous.

C. sulphureo-isabellinum (Corticium s.) (C:6): on 3 Ont [741], NS [741, 1032]; on 8 BC [1012]. Associated with a white rot.

Chaetoderma luna: on 2 BC [1012]. Associated with a brown rot.

Chalara cylindrica: on 3 Man [1760].

C. fungorum: on 8 BC [1012].

Chlorociboria aeruginascens (Chlorosplenium aeruginosum): on 3 Nfld [1661].

C. aeruginosa: on 3 Nfld [1659, 1660].

Chondrostereum purpureum (Stereum p.) (C:10): on 3 Que [456, 454, 1672], NB [1032, 1742]; on 8 BC [1012]. The causal agent of silver leaf disease, associated with a white rot.

Chrysosporium sp.: on 3 NB [1610].

Ciboria rufofusca (C:5): on 2, 5 BC [663, 1012]; on 3 Ont, Que [663]; on 13 BC [663]. Restricted to cone scales.

Cirrenalia donnae: on 3 Man [1760].

Cladosporium sp.: on 3 NWT-Alta [1063], Que [910] purposely wounded, NB [1610].

C. cladosporioides: on 3 NB [1610].

C. herbarum (C:5): on 3 Que [1216]; on 8 Yukon [460].

Clavulicium macounii: on 8 BC [1012]. On well-rotted wood.

Collybia dryophila: on 3 NS [1032].

Coltricia perennis (Polyporus p.): on 3 NS [1032]. Mycorrhizal, on pine, probably on sandy soil under *Abies*.

Columnocystis abietina (Stereum a.) (C:10): brown cubical rot, carie brune cubique: on 2 BC [1012]; on 3 NS [1032]; on 8 BC [954, 1012], NWT-Alta [1063]; on 13 BC [1828].

Confertobasidium olivaceo-album (Corticium fuscostratum): on 3 Que [1672]. Lignicolous.

Coniophora arida var. *suffocata (C. suffocata)* (C:5): on 5 BC [1012]; on 13 NS [1032]. Associated with a brown rot.

C. puteana (C:5): brown cubical rot, carie brune cubique: on 3 Ont [1964, 1956, 1957, F71, F72, F74], Que [969, 909, 910 purposely wounded, 1672, F66], NB [1032, 1742], NS [1032], Nfld [1661]; on 8 BC [1012, 1718, 1719]. Sometimes causes a brown rot in living trees.

Coniothyrium faullii (holomorph *Leptosphaeria f.*) (C:5): on 3 Ont [362, 1827, F68, F69], Que [1691]; on 8 BC, Alta [2003].

C. fuckelii (holomorph *Leptosphaeria coniothyrium*): on 3 NB [1610].

Conoplea fusca: on 3 Sask [1760].

C. geniculata (C:5): on 3 Man [1760], Ont [784].

C. juniperi var. *robusta*: on 3 Sask [1760, F67], Man [1760].

Cordana pauciseptata (C:5): on 3 Que [F66], NB, NS [796].

Coriolellus sp.: on 3 Nfld [1659, 1660, 1661].

Coriolus hirsutus (Polyporus h.) (C:9): on 3 NB [1032]; on 5 BC [1012]. Associated with a white rot.

C. pubescens (Polyporus p.): on 3 NB [1032]. Associated with a white rot.

C. versicolor (Polyporus v.): on 2, 5 BC [1012]; on 3 NB [1032]. Associated with a white rot.

Corticium sp.: on 3 Que [456].

C. centrifugum (C:5): on 3 NS [1032]. Name of uncertain application [864]. Specimens and records should be reexamined.

Costantinella terrestre (Verticillium t.): on 3 NB [1610].

Crepidotus herbarum (C:6): on 3 NB [1032].

C. sphaerosporus (C:6): on 8 BC [1012]. Collection DAVFP 8197 is probably *C. regularis*, fide S.A. Redhead.

Crustoderma dryinum: on 5 BC [1012]. Associated with a brown rot.

Crustomyces pini-canadensis (Corticium p.) (C:6): on 3 Nfld [1659, 1660, 1661]. Lignicolous.

Cryptoporus volvatus (Polyporus v.) (C:9): red butt rot, carie rouge du pied: on dead or dying 2 BC [180]; on 3 NB [1032]; on 2, 5 BC [1012]. Associated with a white rot.

Cylindrobasidium corrugum (Corticium c.) (C:5): on 8 NWT-Alta [1063], BC [1012]. Apparently associated with a white rot.

C. evolvens (Corticium e., C. laeve) (C:6): on 3 Ont [1341], Que [454, 910 purposely wounded, 1672, F65], NB [1032, 1610]; on 8 BC [1012]; on 13 BC [1233]. Associated with a white rot.

Cylindrocarpon sp.: on 3 Que [910 purposely wounded, 1215, 1216, F65].

Cylindrocephalum sp.: on 3 Que [910] purposely wounded, NB [1610].

Cytospora sp.: canker, chancre: on 3 Sask, Man [F67], Ont [1828, F61], Que [910 purposely wounded, F63], NB, NS, PEI [1032]; on 5, 8 BC [1012]; on 8 Yukon [460].

C. abietis (C:6): canker, chancre: on 3 Ont [1340].

C. friesii (holomorph *Valsa f.*) (C:6): canker, chancre: on 3 Ont [1340, 1827], Que [F60, F72, F73], PEI [F62].

C. kunzei (holomorph *Leucostoma k.*): canker, chancre: on 3 Que [454].

C. pini: canker, chancre: on 3 NS [F61].

Cytosporella sp.: on 8 BC [1012].

Dacrymyces minor (D. deliquescens var. *m.)* (C:6): on 3 NS [1032]. Associated with a brown rot.

D. palmatus (C:6): on 3 Que [282], NB, NS [1032], Nfld [1659, 1660]; on 5 BC [1012]. Reported as associated with a white rot but laboratory studies showed it to cause a brown rot.

D. stillatus (D. deliquescens, D. d. var. *deliquescens)*: on 3 NS [1032], Nfld [1660]. Lignicolous.

Daedalea sp.: on 3 Nfld [1659, 1660, 1661].

Darkera abietis: needle blight: on 3 Man, Ont [1947]; on 8 Yukon [460], BC [1012].

Dasyscyphus sp.: on 8 Yukon [460]; on 13 BC [1340].

Delphinella sp.: on 8 BC [F76].

D. abietis: on 8 BC [1012, F64, F68].

D. balsameae (Rehmiellopsis b.) (C:10): tip blight, brûlure des pousses: on 3 Ont [1340, F63, F64], NB [F65], NS [F60, F65, F69] also NB, NS [F62, F66, F67, F68, F72] and NB, NS, PEI [1032, F61, F63, F64], Nfld [1659, 1660, 1661, F64, F65, F68, F76]; on 4 Que [F60]; on 8 BC [1012, F65, F66].

Dendrothele incrustans (Aleurocorticium i.): on 5 BC [965, 1012]. Lignicolous.

Dendryphiopsis atra (holomorph *Microthelia incrustans*): on 3 Man [1760].

Dermea sp.: on 8 BC [499, 502].

D. balsamea (anamorph *Foveostroma abietinum*) (C:6): on 2, 8 BC [1012]; on 3 Ont [499, 1340, 1422, F61], Que [1690, F66, F69, F72, F73, F74, F75, F76], NB [F62] and NB, NS, PEI [1032, F65], Nfld [1661, F64, F65].

D. piceina: on 3 Que [1683, 1690, F68]; on 13 Nfld [1683].

D. pseudotsugae (anamorph *Foveostroma boycei*): on 5 BC [1012].

D. rhytidiformans (anamorph *Gelatinosporium* sp.): on 8 BC [522, 954, 1012, F70].

D. tetrasperma (anamorph *Gelatinosporium lunaspora*): on 5, 8 BC [1012].

Dichomitus squalens (Polyporus anceps) (C:9): red rot, carie rouge rayonnante: on 3 NWT-Alta [1063], Que [F65], NS [1032]. Associated with a white pocket rot.

Dimerium balsamicola (Dimeriella b.): on 13 BC [464].

Diplodina parasitica (C:6): on 3 PEI [1032].

Ditiola radicata (C:6): on 3 NS [1032]. Lignicolous.

Echinodontium tinctorium (C:6): Indian paint fungus: on 2, 5, 8 BC [1012]; on 8, 13 NWT-Alta [1063]; on 8 BC [953, 954, 1718, 1719], Alta [839, 950, F61]; on 13 BC [1341]. Causes a heart rot of living trees. Associated with a white rot.

Encoeliopsis sp.: on 8 BC [F71].

Endophragmia glanduliformis: on 3 Sask, Man [1760].

Epicoccum purpurascens (E. nigrum): on 3 Que [454, 910 purposely wounded].

Epipolaeum abietis (Dimerosporium a.) (C:6): on 2, 5, 8 BC [1012]; on 8 BC [953], Alta [952, F67]; on 13 BC [464].

E. pseudotsugae: on 3 Ont [1340].

E. terrieri (Dimeriella t.): on 13 BC [464].

Eriosphaeria vermicularia (C:6): on 3 Que [70]; on 8 BC [73].

Euantennaria rhododendri (Limacinia alaskensis) (C:7): sooty mold, fumagine: on 2, 5, 8 BC [1012].

Exidia glandulosa: on 3 Nfld [1610, 1660]. Lignicolous.

Exidiopsis macrospora: on 8 BC [1012]. Lignicolous.

Femsjonia peziziformis: on 3 Que [1341]. Lignicolous.

Fibricium rude (Peniophora greschikii) (C:8): on 3 NS [1032]. Associated with a white rot.

Fomitopsis cajanderi (Fomes c.): on 3 NB, NS [1032]; on 5 BC [1012]. Associated with a brown rot.

F. officinalis (Fomes o.) (C:6): on 2, 5 BC [1012]; on 3 Que [1377]. Associated with a brown rot.

F. pinicola (Fomes p.) (C:6): red belt fungus, brown cubical rot, carie brune cubique: on 2, 5, 8 BC [1012]; on 3, 8, 13 NWT-Alta [1063]; on 3 Ont [1341], Que [282], NB [1032, 1742], NS, PEI [1032], Nfld [1659, 1660, 1661], Labr [867]; on 8 BC [1341]. A common destroyer of dead coniferous timber, this fungus also causes heart rot in live trees.

F. rosea (Fomes r.) (C:6): brown cubical rot, carie brune cubique: on 3 Ont [1341], NB [1032]; on 13 Sask [1031].

Foveostroma abietinum (Gelatinosporium a.) (holomorph *Dermea balsamea*): on 3 Ont [1340, 1828].

Fusarium sp.: on 3 NB [1610].

F. oxysporum: on 3 NB [1610].

F. solani (holomorph *Nectria haematococca*): on 3 NB [1610].

Fusicoccum abietinum (C:6): red flag, chancre des rameaux: on 3 Que [F68], NB, NS [1032, F61, F63, F64, F65, F66, F67, F70, F74] also NB [1422, F62], NS [F60, F71], PEI [F65, F67], Nfld [1659, 1660, 1661, F64, F65, F67, F68, F73, F74].

Fusidium sp.: on purposely wounded 3 Que [910].

Ganoderma applanatum (C:6): white mottled rot, carie blanche madrée: on 2, 5 BC [1012].

G. lucidum (C:7): on 3 NB, NS [1032]. Associated with a white rot.

G. oregonense (C:7): on 2, 5 BC [1012]. Associated with a white rot.

Gelatinosporium griseo-lanatum: on 5 BC [517].

G. pinicola (Micropera p.): on 5 BC [1012].

Geomyces pannorum (Chrysosporium p.): on 3 NB [226].

Gliocladium viride: on 3 NB [1610].

Gloeocystidiellum furfuraceum (Corticium f.) (C:5): on 3 Ont [968], Que [969]; on 13 NS [1032]. Lignicolous.

G. ochraceum: on 3 Que [969]. Lignicolous.

Gloeophyllum odoratum (Trametes o.): on 13 BC [1012]. Associated with a brown rot.

G. sepiarium (Lenzites s.) (C:7): brown cubical rot, carie brune cubique: on 2, 5, 8 BC [1012]; on 3 Ont [1152, 1341, 1964], Que [282], NB [1032, 1610], NS, PEI [1032], Nfld [1659, 1660, 1661]; on 8 BC [953]; on 8, 13 NWT-Alta [1063].

Gloeosporium sp.: on 2 BC [1012, F62].

Godronia sp.: on 3 Que [1422].

Graphium sp.: on purposely wounded 3 Que [910], NB [1610].

Gremmeniella abietina (Scleroderris lagerbergii): on 3 Que [F68].

Grovesiella abieticola (Scleroderris a.) (C:10): on 2 BC [F72]; on 3 Man [F67]; on 2, 5, 8 BC [1012]; on 8 NWT-Alta [1063], BC [954, F63, F64, F66].

G. grantii: on 5 BC [513, 1012].

Guepiniopsis buccina (G. torta): on 8 NWT-Alta [1063], BC [954], Alta [951]. Lignicolous.

G. chrysocomus: on 2 BC [1012]. Lignicolous.

Gymnopilus penetrans (Flammula p.): on 3 PEI [1032].

G. sapineus (Flammula s.): on 3 Ont [1341], NS [1032].

G. spectabilis (Pholiota s.) (C:8): on 3 NB, NS [1032]; on 5, 8 BC [1012].

Haematostereum rugosum (Stereum r.): on 8 NWT-Alta [1063]. Associated with a white rot.

H. sanguinolentum (Stereum s.) (C:10): red heart-rot, carie rouge du sapin: on 2, 3, 5, 8 BC [1012]; on 2 NB [1032]; on 3, 8, 13 NWT-Alta [1063], Man [F60], Ont [1341, 1742, 1827, 1956, 1957, 1964, F74], Que [282, 374, 453, 454, 456, 648, 969, 910, 1216, 1377, 1385, 1395, 1672, F66], NB [374, 1742], NS [374], Nfld [1659, 1660, 1661, F72], Labr [F73], e. Canada [95]; on 3 NB, NS, PEI [1032, F62]; on 8 BC [1233, 1341, 1718, 1719]; on 13 BC [1233], Alta [951]. Associated with a white rot.

Hapalopilus nidulans (Polyporus n.): on 3 NS [1032]. Associated with a white rot.

Harpographium sp.: on 3 NB [1610].

Helminthosporium sp.: on 8 BC [1012].

Helotium sp.: on 3 Nfld [1659, 1660].

H. immaculatum (Mycena gracilis): on needles (fallen?) 3 Que [1385].

H. resinicola (anamorph *Stilbella* sp.): on 2 BC [54, 1012, F69]. An Ascomycete which needs to be redisposed.

Hendersonia sp.: on 3 NB [1032]. The name *Hendersonia* has been dropped from usage in favor of *Stagonospora*. However, the proper generic disposition for this record is uncertain.

Henningsomyces candidus (Solenia polyporoidea): on 3 NS [1032]. Associated with a white rot.

Hericium abietis (C:7): on 2, 5, 8 BC [1012]; on 8, 13 BC [1341]. Associated with a white rot.

Herpotrichia juniperi (H. nigra) (C:7): brown felt blight, feutrage brun: on 2 BC [1012]; on 3 Que [1666]; on 8 NWT-Alta [1063], BC [1012, 1340], Alta [951, 952].

Heterobasidion annosum (Fomes a.) (C:6): fomes root rot, maladie du rond: on 2 BC [1143]; on 2, 5 BC [1012]; on 2, 8 BC [1916]. Associated with a white rot. See comment under *Phlebiopsis gigantea*.

Hormodendrum sp.: on 3 NB [1610]. Probably referrable to *Cladosporium* sp.

Humicola sp.: on 3 NB [1610].

Hyalopsora aspidiotus (C:7): needle rust, rouille des aiguilles: 0 I on 2, 5, 8 BC [1012, 2008]; on 3 Ont [1236], Que [1377, F72, F73, F74], NS [1074].

Hydropus marginellus (Omphalia rugosodisca): on 3 NS [1032].

Hymenochaete badioferruginea (C:7): on 3 NS [1032]. Lignicolous. The species of the Hymenochaetaceae which have been categorized all caused white rots and it is generally accepted that the, as yet, uncategorized species also cause white rots.

H. corrugata: on 3 Ont [1341]. Associated with a white rot.

H. rubiginosa (C:7): on 8 BC [1012]. Lignicolous but see above.

H. tabacina (C:7): on 3 Ont [1341], NS [1032], Nfld [1659, 1660, 1661]; on 8 NWT-Alta [1063], BC [1012]. Associated with a white rot.

H. tenuis (C:7): on 8 BC [1012]. Associated with a white rot.

Hyphoderma sp.: on 8 BC [1012].

H. clavigerum: on 3 Que [969]. Associated with a white rot.

H. praetermissum (H. tenue, Peniophora t.) (C:8): on 3 Que [969], NB, NS [1032]; on 8 BC [1012]; on 13 Que [198]. Associated with a white rot.

H. puberum (Peniophora p.): on 3 Que [969]. Associated with a white rot.

H. roseocremeum: on 3 Que [969]. Associated with a white rot.

H. setigerum (Peniophora aspera) (C:8): on 3 NB [1032, 1742], PEI [1032]; on 5 BC [1012]; on 3, 13 NS [1032]. Associated with a white rot.

Hyphodontia sp.: on 3 NB [1610].

H. alienata (Peniophora a.): on 3 Ont [1341]. Lignicolous.

H. alutacea (Odontia a.): on 3 NS [1032]; on 13 Ont [923]. Associated with a white rot.

H. arguta (Odontia a.): on 3 NS [1032]. Associated with a white rot.

H. barba-jovis (Odontia b.) (C:9): on 3 NS [1032]. Associated with a white rot.

H. breviseta: on 3, 13 NS [1032]. Associated with a white rot. See under *Odontia lactea*.

H. crustosa (Odontia c.) (C:8): on 3 NS [1032]. Associated with a white rot.

H. floccosa: on 13 Que [929]. Associated with a white rot.

H. pallidula: on 3 Que [969]. Associated with a white rot.

H. spathulata (Odontia s.) (C:8): on 3 Ont [1341], NS [1032]. Associated with a white rot.

H. subalutacea (Peniophora s.): on 3 NS [1032]. Associated with a white rot.

Hypholoma capnoides (Naematoloma c.) (C:7): on 5 BC [1012, F64]; on 8 BC [1012]. Associated with a white rot.

H. fasciculare (Naematoloma f.) (C:7): on 5 BC [1012]. Associated with a white rot.

Hypodermella sp.: on 3 Sask, Man [F64].

Hypoxylon diathrauston: on 8 BC [1012].

Inonotus dryadeus (Polyporus d.) (C:9): on 5 BC [1012]. Associated with a white rot.

I. subiculosus (Poria s.): on 3 NB, NS [1032]. Associated with a white rot.

Ischnoderma resinosum (Polyporus r.) (C:9): on 3 Ont [1341]; on 5 BC [1012]. Associated with a white rot.

Isthmiella abietis (Bifusella a.) (C:5): needle cast, rouge: on 8 Yukon [460], NWT-Alta [1063], BC [953, 1012, F68], Alta [950, 951, 952, F62].

I. crepidiformis: on 3 Ont [1827].

I. faullii (Bifusella f.) (C:5): needle blight, rouge: on 3 Ont [362, 1340, 1827, F67, F72], Que [282, 1377, 1672, F68, F75], NB [F66, F67, F76], NS [F66] also NB, NS, PEI [1032, F64, F65, F69], Nfld [1659, 1660, 1661, F68, F74, F75] and Ont, Nfld [F65, F69, F71, F73, F76].

I. quadrispora: on 8 BC [1012, 2003, F68, F76], Alta [839, 950, 2003, F68].

Junghuhnia collabens (Poria rixosa) (C:9): on 3 Ont [1004], NS [1032]; on 5, 8 BC [1004]; on 8 BC [1012]. Associated with a white rot.

J. luteoalba (Poria l.): on 8 BC [579, 1012]. Associated with a white rot.

Kirschsteiniella thujina (Amphisphaeria t.) (C:7): blue stain, bleuissure: on 3 Que [374, 910, 1395, 1394, F61, F66], Nfld [1661].

Lachnellula agassizii (Dasyscyphus a., Lachnella a.) (C:6): on 2, 5, 8 BC [1012]; on 3 Ont [398, 1340], Que [282, 398, 1385, 1690], NB, NS, PEI [1032], Nfld [666, 1659, 1660], Labr [666]; on 8 NWT-Alta [1063], BC [953].

L. arida (Dasyscyphus a., Lachnella resinaria) (C:6): on 3 Ont [1340]; on 3, 8 NWT-Alta [1063]; on 3 Que [282, 1690]; on 8 BC [1012], Alta [951]; on 13 Alta [644].

L. calyciformis (Dasyscyphus c.) (C:6): on 2 BC [1012]; on 4 PEI [1032].

L. ciliata: on 3 Que [1690]; on 5 BC [1012].

L. gallica: on 3 Que [398, 1690, F68].

L. occidentalis: on 5 BC [1012].

Laeticorticium minnsiae: on 8 BC [1012]. Lignicolous.

Laetiporus sulphureus (Polyporus s.) (C:9): brown cubical rot, carie brune cubique: on 2, 5, 8 BC [1012].

Laurilia sulcata (Stereum s., Echinodontium s.) (C:10): on 8 BC [1012, 1341, 1719]. Associated with a white rot.

Lentinellus ursinus: on 3 NB [1032]. Associated with a white rot.

Lenzites sp.: on 3 Nfld [1659, 1660, 1661].

Leptosphaeria faullii (C:7): on 3 Ont [362, 1827, F69], Que [362, 1691, F67]; on 8 BC [1012, 2003, F68], Alta [2003].

Leptosporomyces galzinii (Athelia g.): on 3 Que [969]. Associated with a white rot.

Leucogyrophana mollusca (Merulius m., M. fugax auct.*)*: on 3 NS [1032]; on 13 Ont [1341]. Associated with a brown rot.

L. pinastri: on 13 BC [581]. Associated with a brown rot.

L. romellii: on 3 Ont, Que, NS, PEI [571]. Associated with a brown rot.

Leucostoma kunzei (Valsa k.) (anamorph *Cytospora k.*) (C:11): on 3 Que [935, F72, F75], NB [1032, F63], NS [1032].

Libertella sp.: on 3 NB [1032].

Lirula abietis-concoloris (Hypodermella a.): on 2, 5, 8 BC [1012]; on 8 Yukon [460], NWT-Alta [1063], BC [1340], Alta [950, F61, F62].

L. mirabilis (Hypodermella m.) (C:7): needle cast, rouge: on 3, 8 NWT-Alta [1063]; on 3 Alta [53, F61, F68], Man [F66], Ont [362, 1340, 1827, F68, F69], Que [362, 1377, 1672, 1674, F61, F65, F66, F68, F74], NB [F66, F68, F76], NS [F68] and NB, NS, PEI [1032, F65, F69]; on 8 Mack [53, F63].

L. nervata (Hypodermella n.) (C:7): needle cast, rouge: on 3, 8 NWT-Alta [1063]; on 3 Alta [53, 950, F63, F69], Man [F66], Ont [1340, F63, F72], Que [1377, 1672, 1674, F65, F66, F68], NB [F63, F76], NS [F73], Nfld [1659, 1660, 1661, F73, F74] also Sask, Man [F67, F68], NB, NS [F64, F66, F68, F70] and NB, NS, PEI [1032, F65, F67, F69]; on 8 BC [954], Alta [950]; on 13 Alta [F65].

L. punctata (Hypodermella p.) (C:7): needle cast, rouge: on 2, 5, 8 BC [1012, F68]; on 3 Ont [1340], Que [1672, F65].

Lophium mytilinum (C:7): on 3 Que [70].

Lophodermium sp. (C:7): needle cast, rouge: on 3 Sask, Man [F63], Que [F73], NB [1032], Nfld [1659, 1660, 1661, F64, F65, F66, F68, F73, F74]; on 8 NWT-Alta [1063].

L. consociatum: on 2 BC [1012].

L. decorum: on 5, 8 BC [1012].

L. lacerum (C:7): needle cast, rouge: on 3 Alta [F69], Ont [1063, 1340], Que [1377, 1672]; on 5 BC [1012].

L. piceae (C:7): needle cast, rouge: on 3 Ont [1063, 1340], Que [1672], NB [1950]; on 8 BC [1012], Alta [950].

L. uncinatum: on 2, 8 BC [1012].

Lophomerum sp.: on 3 Que [F73].

L. autumnale (Lophodermium a.) (C:7): needle cast, rouge: on 2 BC [F72]; on 2, 8 BC [1012]; on 3 Alta, Ont, Que, NB, NS [1220]; on 3 Alta [F64], Que [1377], NB, NS [1032]; on 3, 8 NWT-Alta [1063]; on 8 Yukon [F69], BC [2003], Alta [952, F62].

Lophophacidium hyperboreum: on 3 Que [1692, 1674].

Lycoperdon perlatum (C:7): on 8 BC [1012]. Probably on rotted wood.

L. pyriforme: on 3 Ont [1341]. Probably on rotted wood.

Marasmiellus filopes: on 2 BC and on 3 Ont, Que, NB, Nfld [1435].

Maurodothina farriae: on 2, 5 BC [1012, 1358, F70]. Published as "farrae".

Melampsora sp.: on 3 Que [F66].

M. abieti-capraearum (M. epitea race a.-c. (C:7): needle rust, rouille des aiguilles: 0 I on 2, 4, 5, 8 BC [1012]; on 3 Alta [F63], Sask, Man [F68] and Man [F65, F67, F69], Ont [1236, 1827, F69], Que [1377, F73], Nfld [1660]; on 13 BC, Alta, Sask, Man [2008].

M. epitea: needle rust, rouille des aiguilles: on 3 Alta [53, F61], NS [1032]; on 3, 8 NWT-Alta [1063].

M. medusae (M. albertensis): needle rust, rouille des aiguilles: on 4, 5 BC [1012, 2002]; on 13 BC [F65].

M. occidentalis: on 4 BC [1012, 2002]; on 13 BC [F65].

Melampsorella caryophyllacearum (M. cerastii) (C:7): witches' broom rust, rouille-balai de sorciere: on 2, 5, 8 BC [1012]; on 3 NWT-Alta [1063] also Alta [53, F61, F63, F65], Man [F60, F64, F70, F72], Ont [1236, 1828, F62, F63, F64, F69, F76], Que [282, 1377, F70, F73], NS [F71, F75], Nfld [333, 1659, 1660, 1661, F61, F62, F63, F64, F65, F66, F67, F71, F73, F74, F75, F76] and Sask, Man [F65, F67], Ont, Que [1341, F66, F67, F68, F71, F72, F74, F75], NB, NS, PEI [1032, F62, F63, F64, F65, F66, F67, F69]; on 8 Yukon [460, F61], BC [1341, 2007], Alta [644, F61]; on 13 Yukon, BC, Alta, Sask, Man [2008] and Alta [952], PEI [337].

Meruliopsis albostramineus (Ceraceomerulius a.): on 3 Que [568]. Apparently associated with a brown rot.

M. taxicola (Merulius t., M. ravenelii, Poria t.) (C:9): on 3 Alta, Sask, Ont [568] and Ont [1341, 1660]; on 8 BC [568, 951, 1012]. Associated with a white rot.

Merulius tremellosus: on 2 BC [1012]. Associated with a white rot and produces the antibiotics, merulinic acid and merulidial.

Metacapnodium sp.: on 8 BC [1012].

Metulodontia nivea: on 8 BC [1012]. Associated with a white rot.

Microascus trigonosporus: on 3 Ont [86].

Microlychnus epicorticis: on 2 BC [506, 1012].

Micromphale foetidum (Marasmius f.): on 13 Ont [1306].

M. perforans (Marasmius p.): on 3 Que [1385] on fallen needles.

Micropera sp.: on 8 BC [F61]. Probably *Foveostroma* or *Gelatinosporium*.

Microthelia biformis: on 3 Que [F67].

Microthyrium microscopicum: on 8 BC [1012, F69].

Milesia sp.: rust, rouille: on 3 Que [F69], NB, NS, PEI [1032] and NS [F61, F64, F71], Nfld [1659, 1660, 1661, F64, F65, F66, F67, F68, F69].

M. fructuosa (M. intermedia) (C:7): needle rust, rouille des aiguilles: 0 I on 3 Ont [1236], Que [1377, F61, F66, F72, F73, F74], NS [1032], Nfld [1660, 1661, F73].

M. laeviuscula (Milesina l.) (C:7): needle rust, rouille des aiguilles: 0 I on 5 BC [1012, 2008].

M. marginalis (C:7): needle rust, rouille des aiguilles: 0 I on 3 Ont [1236], Que [1377].

M. pycnograndis (M. polypodophila) (C:7): witches' broom rust, rouille-balai de sorcière: 0 I on 3 Ont [1236], Que [1377], NS [1032].

Milesina sp.: rust, rouille: on 2 BC [1012]; on 2, 5 BC [F74].

Monochaetia abietis: on 5 BC [1012]. Specimens should be restudied.

Mucor sp.: on purposely wounded 3 Que [910].

Mucronella calva (M. aggregata) (C:7): on 3 NS [1032]. Associated with a white rot.

Myceliophthora thermophila (Sporotrichum t.): on 3 NB [1610].

Mycena elegantula: on 3 NS [1032].

M. lilacifolia: on 3 Que [1385], on rotten wood.

M. rubromarginata: on 3 Que [1385], on dead branches on live trees.

Mytilidion sp.: on 3, 8 NWT-Alta [1063].

Naematoloma sp.: on 2 BC [1012]; on 8 BC [1719]. Specimens probably referable to *Hypholoma*.

Nectria sp.: on 3 Que [942, F66, F67, F69, F70], Nfld [1659, 1660, 1661].

N. fuckeliana: on 2, 5 BC [F65]; on 3 Que [943, 1685], e. Canada [95].

N. modesta (C:8): on 3 Que [70].

N. neomacrospora (N. fuckeliana var. *macrospora, N. macrospora)*: on 2, 4 BC [1012]; on 3 Que [F74]; on 13 BC [176].

Neournula nordmanensis: on 5 BC [1224].

Nothophacidium phyllophilum (N. abietinellum, Dermatea p.) (C:8): needle cast, rouge: on 3 NWT-Alta [1063], Sask [F68], Man [F65], Ont [1340, 1443, F62, F63]; also Ont, Que, NS [F64], Que [1674, F74] and NS [1032]; on 3, 8 Alta [F66]; on 8 BC [1012].

Odontia lactea (C:8): on 2, 8 BC [1012]. Specimens are typically of *Hyphodontia breviseta* but the type is a specimen of *Resinicium bicolor* (i.e., the name *O. lactea* is a synonym of *R. bicolor*).

O. stipata: on 3 NS [1032]. The name is of uncertain application. This specimen may be *Fibrodontia gossypina*.

Odonticium laxa (Odontia l.): on 3 NB [1032]. Lignicolous.

Odontotrema hemisphaericum: on 3 Que [1690].

Oedemium didymum (holomorph *Chaetosphaerella fusca*): on 3 NB [1610].

Oidiodendron tenuissimum (C:8): on 3 NB [82].

Onnia circinata (Polyporus c., P. tomentosus var. *c.)* (C:9): red butt rot, carie rouge alvéolaire du pied: on 3 Que [1390, 1377], NB [1032]; on 8 BC [1012]. Associated with a white pocket rot.

O. tomentosa (Polyporus t., P. t. var. *tomentosa)* (C:9): red butt rot, carie rouge alvéolaire du pied: on 2, 8 BC [1012]; on 3 Ont [F71, F72], NS [1032]. Associated with a white pocket rot.

Ostenia obducta (Polyporus osseus) (C:9): on 3 Ont [1341]; on 8 BC [1012]. Associated with a brown rot.

Ostreola sessilis: on 8 BC [1012].

Oxyporus corticola (Poria c.) (C:9): on 8 BC [1012]. Associated with a white rot.

Paecilomyces sp.: on 3 NB [1610].

P. farinosus: on 8 BC [152].

P. varioti: on 3 NB [1610].

Panellus mitis (Pleurotus m.): on 3 Nfld [1659, 1660].

P. serotinus (Panus betulinus, Pleurotus s.) (C:9): on 2, 8 BC [1012]. See *Acer*.

P. violaceofulvus: on 3 Que [1109].

Panus rudis (C:8): on 8 BC [1012].

Parmastomyces transmutans (Polyporus subcartilagineus): on 8 BC [1012, 1718]; on 8, 13 BC [F64]. Associated with a brown rot.

Patinella punctiformis (C:8): on 13 NS [1032].

Penicillium sp.: on 3 Ont [1964, 1966], Que [454, 910 purposely wounded], NB [1032, 1610], e. Canada [95].

Peniophora cinerea: on 3 Ont [1341], Que [454]. Associated with a white rot.

P. incarnata (C:8): on 5 BC [1012]. Lignicolous.

P. piceae (P. separans) (C:8): on 3 NB [1742]; on 8 BC [1012]. Associated with a white rot.

P. pini (Stereum p.): on 3 Ont [1941]. Associated with a white rot.

P. pithya (C:8): on 8 NWT-Alta [1063]. Associated with a white rot.

P. pseudopini (C:8): on 3 Ont [1941]; on 8 BC [1012]. Associated witn a white rot.

P. septentrionalis (C:8): on 8 BC [1012, 1719]. Associated with a white rot.

Peridermium sp.: on 3 Que [F63].

P. balsameum (C:8): rust, rouille: on 3 Que [F71]. Name of dubius application, refers to *Uredinopsis* spp.

P. holwayi (C:8): rust, rouille: on 3, 8 Alta [53]; on 3, 8 NWT-Alta [1063]; on 8 Yukon [F61], Mack [53].

Pezicula livida (anamorph *Cryptosporiopsis abietina*): on 3 Que [1690].

Phacidiopycnis balsamicola: on 8 BC [1012].

Phacidium sp.: on 3 Que [F62].

P. abietis (C:8): on 3 Ont [1340, 1660, 1827, F63, F68, F76], Que [1674, 1677, F64, F65, F66, F69]; on 3 Ont, Que [1444]; on 3 Que, NB [F75]; on 8 BC [953, 1012], Alta [952].

P. infestans (C:8): snow blight, brûlure printanière: on 3 Que [1672]. Records are suspect and specimens should be restudied. In North America several fungi have been labelled *P. infestans* and in Europe the fungus occurs on *Pinus*.

Phaeocryptopus nudus (Adelopus balsamicola) (C:8): needle blight, rouge: on 2, 8 BC [1012]; on 3 NWT-Alta [1063], Alta [F64, F66], Ont [73, 1340, 1615], Que [70, 73, 1675], NB [73], NB, NS, PEI [1032], Nfld [1659, 1660, 1661]; on 8 BC [2003], Alta [F66].

Phaeolus schweinitzii (Polyporus s.) (C:9): brown cubical rot, carie brune cubique: on 2, 8 BC [1012]; on 3 Ont [1341, F71, F72], NB, NS, PEI [1032].

Phanerochaete carnosa (Peniophora c.) (C:8): on 2 BC [1012]; on 3 Que [969], NS [1032]. Associated with a white rot.

P. sanguinea (Peniophora s.) (C:8): on 5 BC [1012]. Associated with a white rot but the wood often stained red.

P. sordida (Peniophora cremea): on 3 NB [1032, 1742]; on 8 NWT-Alta [1063], Alta [950]. Associated with a white rot.

Phellinus chrysoloma (Fomes pini var. *abietis)*: on 3 Que [1377], Labr [867]. Associated with a white rot.

P. ferrugineofuscus (Poria f.) (C:9): on 8 BC [1012]. Associated with a white rot.

P. ferruginosus (Poria f.) (C:9): on 3 Ont [1341], NS [1032]. Associated with a white rot.

P. gilvus (Polyporus g.): on 13 BC [579]. Associated with a white rot.

P. nigrolimitatus (Fomes n.) (C:6): white pocket rot, carie blanche alvéolaire: on 8 BC [1012].

P. pini (Fomes p.) (C:6): red ring rot, carie blanche alvéolaire: on 2, 5, 8 BC [1012]; on 3, 8 NWT-Alta [1063]; on 3 Alta [53], Ont [1341], NB, NS, PEI [1032], Nfld [1659, 1660, 1661]; on 8 Yukon [460], BC [953], Alta [950, 951, 952]. Associated with a white rot.

P. punctatus (Poria p.): on 3 Ont [1341]; on 8 BC [1012]. Associated with a white rot.

P. robustus (Fomes r.) (C:6): on 3 NB [1032]. Associated with a white rot.

P. tsugina (Poria t.) (C:9): on 8 BC [1718]. Associated with a white rot.

P. viticola (Fomes v.): on 8 BC [1012]. Associated with a white rot.

P. weirii: on 2, 5, 8 BC [1012]; on 5 BC [F75]. Associated with a root rot of live trees.

Phialocephala bactrospora: on 3 NB [1610].

Phialophora sp.: on 3 Que [910] purposely wounded, NB [1610].

P. americana: on 3 NB [1610].

P. fastigiata: on 3 NB [1610].

P. heteromorpha: on 3 NB [1610].

P. lagerbergii: on 3 NB [1610].

P. melinii: on 3 NB [279, 1610], NS [1548]; on 8 BC [279, 1012].

Phlebia centrifuga (P. albida auct., *P. mellea)* (C:8): on 2, 5, 8 BC [1012]; on 3 Ont [1341], NB [1032]; on 8 BC [1341]. Associated with a white rot.

P. livida (Corticium l.) (C:6): on 13 NS [1032]. Associated with a white rot.

P. phlebioides (Peniophora p.): on 3 NB [1032]. Associated with a white rot.

P. radiata (C:8): on 3 Alta [568]; on 5, 8 BC [1012]; on 8 BC [568]. Associated with a white rot and produces the antibiotic merulinic acid.

P. rufa: on 3 Alta [568]. Associated with a white rot.

P. unica (Peniophora u.) (C:8): on 8 BC [1012]. Lignicolous.

Phlebiopsis gigantea (Peniophora g.) (C:8): on 3 Que [454], NB [1032, 1610]; on 8 BC [1012, 1719]. Associated with a white rot. A biological control agent, arthrospores sprayed on recently cut stumps of coniferous trees effectively prevented colonization of those stumps by the root parasitic fungus *Heterobasidion annosum*.

Pholiota alnicola (Flammula a.) (C:6): on 2, 8 BC [1012]; on 3 Ont [1964]. Associated with a white rot.

P. aurivella (C:8): on 2, 5, 8 BC [1012, F65]; on 3 NB [1032]; on 5 BC [F60]. Associated with a white rot.

P. limonella (P. squarrosa-adiposa) (C:8): on 5 BC [1012]. Associated with a white rot.

Phoma sp.: on 3 Ont [973], Que [1216].

Phomopsis sp. (C:8): canker and dieback, chancre et dépérissement: on 3 Que [F66].

Phyllosticta sp. (*Phyllostictina* sp.): on 3 Ont [1827, F68], NB, NS [1032].

Phyllotopsis nidulans (C:8): on NWT-Alta [1063], BC [1012]. Associated with a white rot.

Piloderma bicolor (Athelia b., Corticium b.) (C:5): on 3 Que [969], NS [1032]; on 8 BC [1012]. Mycorrhizal on, at least, *Arctostaphylos*, *Arbutus* and *Pseudotsuga*. Typically this fungus fruits on rotted wood and duff.

Pithya vulgaris (C:9): on 2, 5, 8 BC [1012].

Pleurocybella porrigens (Pleurotus p.) (C:9): on 3 Ont [1341], NB, NS [1032]; on 5 BC [1012]. Lignicolous.

Pleurotus sp.: on 2 BC [1012].

P. ostreatus (C:9): on 5 BC [1012]. Associated with a white rot.

P. strigosus (Panus s.): on 3 NB [1032]. Associated with a white rot.

Polyporus sp.: on 3 Nfld [1661].

P. badius (P. picipes): on 3 NB [1032]; on 8 BC [1012]. Typically on fallen branches and stems. Associated with a white rot.

P. brumalis: on 3 NB [1032]. Typically on deciduous wood.

"*P.*" *destructor* (C:9): on 3 NS [1032]. This name is of uncertain application [1500]. Specimens and records should be reexamined.

P. hirtus (C:9): brown cubical rot, carie brune cubique: on 3 NB, NS [1032]; on 5, 8 BC [1012]; on 8 BC [1718].

P. varius (P. elegans) (C:9): on 2, 8 BC [1012]. Associated with a white rot.

Poria sp.: on 3 NB, NS [1032].

P. rivulosa: on 2, 13 BC [1012]. Associated with a white rot.

P. subacida (C:9): on 2, 5, 8 BC [1012]; on 3 Que [910, 1377], NB [1032, 1742], NS [1032]; on 8 BC [1341].

P. vulgaris (C:9): on 3 NS [1032]. This name is of uncertain application.

Potebniamyces balsamicola (C:10): on 2, 5, 8 BC [502, F68]; on 3 Que [502, 1673, F67, F75], NB [1673]; on 8 Yukon [460], BC [F67, F75]. Associated with tree dieback.

P. balsamicola var. *balsamicola*: on 3 Que [504, 1690]; on 8 BC [504, 1012].

P. balsamicola var. *boycei*: on 2, 5 BC [504, 1012, F70].

Pragmopora abietina: on 13 Nfld [657].

Pseudophacidium piceae: on 3 Que [1685] by inoculation.

Pseudoplectania melaena: on 13 NS [1032].

Pseudoscypha abietis: on 3 Ont [1340, 1447].

Pseudotomentella tristis (P. umbrina): on 3 Ont [1341].

Ptychogaster sp.: on 3 NB [1610].

Pucciniastrum sp.: needle rust, rouille des aiguilles: on 3 Ont [1341, F64, F67, F68], Que [282, F76], NB [F75].

P. epilobii (P. abieti-chamaenerii) (C:10): needle rust, rouille des aiguilles: on 2 BC [F72]; on 3 Yukon [F71], Alta [53, F64, F66, F70, F72], Man [F69, F72, F73, F74], Ont [1236, F64, F65, F66, F67, F68, F71, F72, F76], Que [1546, F61, F70], NB [F61, F69, F73, F74, F76], NS [F66], PEI [1032, F64, F65], Nfld [1659, 1660, 1661, F69, F70, F73, F74, F76]; on 3, 8, 13 NWT-Alta [1063]; on 3 Sask, Man [F65, F67, F68, F70, F71]; on 3 Ont, Que [1341, F62, F63, F73, F74, F75]; on 3 NB, NS [1032, F62, F63, F64, F65, F68]; on 4, 5, 8 BC [1012]; on 8 Yukon [460, F61], BC [953, 954, 2007, F64, F65, F69, F70, F71, F72, F73, F74], Alta [737, 950, F66, F71, F73, F74]; on 13 Yukon, BC, Alta, Sask, Man [2008]; also Alta [F65], Que [F70].

P. goeppertianum (C:10): needle rust, rouille des aiguilles: on 2 BC [1012, F67]; on 3 Yukon, Sask, Man, NS [F71]; on 3 Alta [F64], Man [F60, F65, F69], Ont [1236, 1341], Que [1377, F60, F75], NB [1859, 1861, 1862, F69, F73, F74, F76], NS [1032, F66, F72], PEI [1032, 1857], Nfld [1660, F72]; on 3 NB, NS [1857, 1858, F68]; on 8 Yukon [7, 460], NWT-Alta [1063], Mack [F66], BC [644, 1012, F67, F76], Alta [737, 950, 951, 952, F66, F71]; on 13 Yukon, NWT, BC, Alta, Sask, Man [2008] and Alta [F65], Nfld [333].

P. pustulatum: needle rust, rouille des aiguilles: on 3 Alta [F60], Ont [1546], Que [1377, F65], NS [1546], Nfld [1546, F64, F65, F66, F67, F68]; on 8 BC [1546].

Pycnoporellus alboluteus (Polyporus a.) (C:9): on 2, 8 BC [1012]; on 8 NWT-Alta [1063], Alta [950]. Associated with a brown rot.

P. fulgens (Polyporus fibrillosus) (C:9): on 3 Ont [1179], NS, PEI [1032]. Associated with a brown rot.

Pyrenochaeta sp.: on 3 NB [1610].

Radulum pallidum: on 3 PEI [1032]. Lignicolous. The generic name is applied to Ascomycetes but *R. pallidum* is a Basidiomycete.

Ramaricium albo-ochraceum (Corticium a., Trechispora a.) (C:5): on 3 Ont [572, 1341]; on 13 Ont [970], NB [572, 970]. Lignicolous.

Rectipilus fasciculatus (Solenia f.): on 3 Ont [1341]. Lignicolous.

Resinicium bicolor (Odontia b.) (C:8): white stringy rot, carie blanche filandreuse: on 3 Ont [1956, 1957], Que [909, 907a, 908, 1672, F65], NB, NS [1032], Nfld [1661]; on 5 BC [1012, F60]; on 8 BC [1012, 1718, 1719]; on 13 BC [140] in heartwood of live tree.

Retinocyclus abietis (C:10): on 3 Que [374, 909, 910 purposely wounded, 1216, 1395, F60], Nfld [1661]; on 8 BC [1012].

Rhabdocline pseudotsugae: on 13 NWT-Alta [1063]. Common on *Pseudotsuga menziesii*.

Rhabdogloeopsis balsameae (Kabatiella b.) (C:7): on 3 NB [1032], NS [1032, F61].

Rhinocladiella sp.: on 3 NB [1610].

R. atrovirens: on 3 NB [1610].

R. elatior (C:10): on 3 e. Canada [95]; on 8 BC [1012].

Rhizocalyx abietis (anamorph *Rhizothyrium a.*): on 3 Que [1675, F67].

Rhizoctonia sp.: on 3 Que [910] purposely wounded.

Rhizosphaera sp.: on 3 Man [F63].

R. pini (R. abietis) (C:10): needle blight, brûlure des aiguilles: on 3 Man [F65], Ont [1340, 1828], NB, NS, PEI [1032], Nfld [1659, 1660, 1661, F73, F74].

Rhizothyrium abietis (holomorph *Rhizocalyx abietis*) (C:10): needle cast, rouge: on 3 Ont [1827, F68], Que [1675], NB, PEI [1032], Nfld [1659, 1660, 1661]; on 3 Ont, Que, NB, Nfld [363]; on 8 BC [1012, 2003, F68], Alta [F68].

Rhodotorula sp.: on 3 NB [1610].

Rigidoporus sp.: on 8 BC [1012].

Saccharomyces sp.: on 3 NB [1610].

Sarcodontia sp. (*Oxydontia* sp.): on 8 BC [1012].

Sarcotrochila balsameae (Stegopezizella b.): on 2, 5, 8 BC [1012]; on 3 NWT-Alta [1063]; on 3 Alta [53], Sask [F73, F74], Ont [174, 1340, 1827, F63, F68], Que [1674], NB, NS [1032]; on 3 Alta, Ont, Que [F65]; on 4, 8 BC [1444]; on 4, 13 Ont [1444]; on 8 BC [2003].

S. piniperda: on 3 Man [F65]. Typically on *Picea*.

Schizophyllum commune (C:10): on 3 Ont [1341], NB, NS [1032], Nfld [1661]. Associated with a white rot, presumably saprophytic.

Schizopora paradoxa (Poria versipora) (C:9): on 5 BC [1012]. Associated with a white rot.

Scleroderris sp.: on 3 NB [1032]; on 8 BC [F67].

Sclerophoma sp.: on 5, 8 BC [1012].

S. pithyophila (holomorph *Sydowia polyspora*): on 3 Que [910] purposely wounded; on 2 BC [F69].

Sclerotinia kerneri: on 1 Que [892]; on 3 Que [433, F72].

Scoleconectria cucurbitula (Creonectria c.): on 3 Sask, Man, NB, NS [F67]; on 3 Ont, NB [175, 1340], Que [1685], Nfld [1661]; on 3 NB, NS [1032]; on 8 BC [1012].

S. scolecospora (C:10): on 3 NWT-Alta [1063], Alta [53].

Scorias spongiosa (C:10): on 13 NS [1032]. Usually associated with insects on plants.

Scutellinia scutellata (C:10): on 8 BC [1012].

Scytalidium lignicola: on 3 NB [1610].

Scytinostroma galactinum (Corticium g.) (C:6): white stringy rot, carie blanche filandreuse: on 3 Ont [1341, 1964, 1956, 1957, F72], Que [910 purposely wounded, 1395, 1672, F60, F66], NB [1742], NB, NS, PEI [1032], Nfld [1661]; on 8 BC [1012, 1718]; on 13 BC [1233].

Seiridium abietinum: on 3 Nfld [1763]; on 3, 13 Nfld [1762].

Septoria sp.: on 8 BC [1012].

Serpula himantioides (Merulius h., S. lacrimans var. *h.)* (C:7): brown cubical butt rot, carie brune cubique: on 2, 8 BC [1012]; on 3 NB [1032, 1742].

S. lacrimans: on 8 BC [1012]. Associated with a brown rot in buildings.

Seuratia sp.: on 8 BC [1012].

S. millardetii: on live needles of 3 Ont, Nfld, and on 5, 8 BC [1042].

Sirodothis sp. (holomorph *Tympanis* sp.): on 5, 8 BC [1012].

Sistotrema brinkmannii (Trechispora b.) (C:10): red heartrot, carie rouge du coeur: on 2, 5, 8 BC [1012]; on 3 Que [969], NB [1032, 1610, 1742]; on 8 BC [966]. Associated with a white rot. Airborne spores sometimes contaminate agar cultures in the laboratory and in one instance resulted in *S. brinkmannii* being designated the teleomorph for *Phymatotrichum omnivorum*.

S. raduloides (Trechispora r.) (C:10): red heartrot, carie rouge du coeur: on 3 NB [1032]; on 8 BC [1012]. Associated with a white rot.

Sistotremastrum suecicum: on 3 Que [969]. Associated with a white rot.

Skeletocutis amorpha (Polyporus a.) (C:9): on 13 BC [1012]. Associated with a white rot.

S. odora (Poria o.): on 2 BC [F71]; on 3 NB [1032]; on 8 BC [579, 1012].

S. stellae (Poria s.): on 2, 8 BC [1012]. Associated with a white pin rot.

S. subincarnata (Poria s.) (C:9): on 2, 8 BC [1012]; on 3 NS [1032]. Presumably associated with a white rot.

Spadicoides atra: on 3 Sask, Man [1760].

S. grovei: on 3 Man [1760].

Sphaerellopsis filum (Darluca f.) (holomorph *Eudarluca caricis*) (C:6): on 5 BC [F60]. Mycoparasitic on rust pustules.

Sphaerobasidium minutum (Xenasma m.): on 3 Que [969]. Lignicolous.

Sphaeropsis sapinea: on 3 Que [1687] by inoculation.

Sporidesmium achromaticum: on 3 Sask, Man [1760].

S. coronatum: on 3 Man [1760].

S. harknessii: on 3 Sask, Man [1760].

S. larvatum: on 3 Sask [1760], Man [824, 1760].

Stegonsporiopsis cenangioides (Myxocyclus c.): on 3 Que [F70].

Stemonitis fusca: slime mould: on 3 NWT-Alta [1063]. Presumably on rotted wood.

Stenocybe major: on 13 BC, Ont [1812].

Streptomyces sp.: on 3 NB [1610] on wood chips.

Stereum sp.: on 3 Nfld [1661].

S. hirsutum: on 3 Que [282]. Associated with a white rot.

S. ostrea (C:10): on 8 BC [1012]. Associated with a white rot.

Sterigmatobotrys macrocarpa: on 3 Sask, Man [1760].

Strasseria geniculata: on 3 Que [1278].

Subulicystidium rallum: on 3 Ont [744]. Lignicolous.

Sydowia polyspora (anamorph *Sclerophoma pithyophila*): on 2, 5, 8 BC [1012]; on 3 Que [1686, F68].

Taeniolella rudis: on 3 Ont [815].

Tarzetta bronca (Geopyxis b.): on 13 Nfld [666], litter.

Thermoascus aurantiacus: on 3 NB [1610].

Thermomyces lanuginosus (Humicola l.): on 3 NB [1610].

Thyronectria sp.: on 3 Que [910] purposely wounded.

T. balsamea: on 3 Alta, Man, NB [F62] and Sask, Man [F63, F67], Ont [175, 1340, 1422, F61], Que [F66, F72, F73, F74, F75], NB, NS, PEI [1032]; on 8 BC [1012].

Thysanophora penicillioides: on 2 BC [1012]; on 3 Man [1760], Ont, Que, NB, NS, Nfld [872].

Tiarosporella abietis: on 3 Alta, Ont and on 8 Yukon, Alta [1947].

Tomentella atrorubra: on 3 NS [1032].

T. bresadolae: on 3 Ont [1341]; on 13 Ont [928].

T. ellisii (T. microspora): on 3 Ont [929, 1341, 1827].

T. fuscoferruginosa: on 3 Ont [929, 1341].

T. griseoviolacea: on 13 Ont [1828].

T. molybdaea: on 3 Ont [929, 1341].

T. nitellina: on 3 NS [1341].

T. pilosa: on 3 Ont [1828].

T. ruttneri: on 3 Ont [1341]; on 13 Ont [928].

T. sublilacina: on 3 Ont [1341, 1828, 1827].

T. terrestris (T. umbrinella): on 3 NS [1827].

T. violaceofusca (T. trachychaites): on 3 Ont [1341].

Toxosporium camptospermum: on 3 NS [1032].

Trametes sp.: on 3 Nfld [1661].

T. cervina (Polyporus biformis N. Amer. auct.*)*: on 3 Nfld [1659, 1660, 1661]. Associated with a white rot.

Trechispora sp.: on 3 Que [454].

T. farinacea (Grandinia f.): on 3 Que [969]. Associated with a white rot.

T. mollusca (Poria candidissima, T. onusta) (C:9): on 2, 8 BC [1012]; on 3 NS [970, 1032], PEI [1032], Nfld [1659, 1660, 1661]. Associated with a white rot.

T. vaga: on 2 BC [1012]. Mycorrhizal on, at least, *Picea* and *Pinus*.

Tremella sp.: on 5 BC [1012]. Associated with a white rot.

T. encephala: on 3 NS, PEI [1032]. Mycoparasitic on *Haematostereum sanguinolentum*.

T. foliacea (C:10): on 3 NS [1032]; on 8 BC [1012]. Lignicolous.

Trichaptum abietinus (Hirschioporus a., Polyporus a.) (C:9): white pocket rot, carie blanche de l'aubier: on 3, 8 NWT-Alta [1063]; on 3 Ont, Que, NB, Nfld [95] also Ont [1341], Que [282, 1378] and Ont, NB [1742], NS, NB, PEI [1032], Nfld [1659, 1660, 1661], Labr [867]; on 5, 8 BC [1012]; on 8 BC [953]; on 13 Ont [1827]. In Conners (p.9) delete "butt rot of heartwood of 4 BC", Nobles [1180] subsequently redetermined these cultures to be *Resinicium bicolor*.

T. fuscoviolaceus (Hirschioporus f.): on 2 BC [1012]; on 3 Sask, Ont, Que [1028]. Associated with a white rot.

T. laricinus (Hirschioporus l.): on 3 Que [1028], Labr [867]; on 8 BC [1012]. Associated with a white rot.

Trichocladium canadense: on 3 NB [1610].

Trichoderma sp. *(Pachybasium sp.)*: on 3 Que [909, 910 purposely wounded], NB [1610].

T. polysporum (T. sporulosum): on 3 NB [1610].

T. viride: on 3 Ont [1964, 1966], Que [454], NB [1610], e. Canada [95]. One of the fungi being evaluated for its ability, through the production of cellulases, to increase the digestibility of plant fiber (forages, wood shavings, etc.) for animal feed.

And the fungus has been used in attempts to biologically control soil-borne pathogens.

Trichosphaeria parasitica (C:10): white felt blight, feutrage blanc: on 3 Que [1672, F61].

Troposporella fumosa: on 3 Sask, Man [1760].

Tryblidiopsis pinastri: on 3 Ont [1340].

Tuberculina persicina (C:10): on 5 BC [F60]. Mycoparasitic on rust fungi.

Tubulicrinis accedens: on 3 Que [969]. Associated with a white rot.

T. glebulosus (Peniophora gracillima) (C:8): on 13 NS [1032]. Associated with a white rot.

T. globisporus: on 8 BC [742]. Lignicolous.

T. hamatus (Peniophora h.) (C:8): on 3 Ont [1935]. Associated with a white rot.

T. subulatus: on 3 Que [969]. Associated with a white rot.

Tulasnella violacea: on 3 NB [1032]. Lignicolous.

Tympanis sp.: on 3 Ont [F61], Que [909, 910 purposely wounded].

T. abietina (C:10): on 3 Ont [973, 1340], Que [1688, F68], NB [1032].

T. confusa: on 3 Que [1688] by inoculation.

T. hansbroughiana: on 3 Que [1688].

T. hypopodia (T. piceina): on 3 Que [1688] by inoculation; on 13 Alta, Ont, Que, NB [1221].

T. laricina (anamorph *Sirodothis* sp.): on 3 Que [1688] by inoculation; on 8 BC [1012]; on 13 BC, Ont, Que, NB, Nfld [1221].

T. pithya (C:10): on 3 Que [1688] by inoculation.

T. truncuatula (T. pinastri) (C:11): on 3 Sask, Man [F67] and Man [F66, F69], Que [1688, F68], NS [1032, 1925]; on 8 BC [1012]; on 13 Ont, Que, Nfld [1221].

T. tsugae: on 3 Que [1688] by inoculation; on 13 Que, NB [1221].

Tyromyces balsameus (Polyporus b.) (C:9): brown cubical rot, carie brune cubique: on 3 Ont [1341], Que [282, 913, 910 purposely wounded, 1377, F65], NB [1032, 1610], NS [1032], Nfld [1660, 1661]; on 8 BC [1012].

T. borealis (Polyporus b.) (C:9): white mottled rot, carie blanche madrée: on 3 Que [1377], NB [1032]; on 8 BC [1012].

T. caesius (Polyporus c.) (C:9): on 3 NS [1032]. Associated with a brown rot.

T. chioneus (Polyporus albellus) (C:9): on 3 NB, NS [1032]. Associated with a white rot.

T. fragilis (Polyporus f.): on 3 NS [1032]. Associated with a brown rot.

T. guttulatus (Polyporus g.) (C:9): brown cubical rot, carie brune cubique: on 3 Que [1390].

T. leucospongia (Polyporus l.) (C:9): on 8 BC [1012]. Associated with a brown rot.

T. mappa (Poria m.): on 3 Que [F71]. Associated with a white rot.

T. mollis (Polyporus m.) (C:9): on 3 NB, NS [1032], Nfld [1659, 1660, 1661]. Associated with a brown rot.

T. sericeomollis (Polyporus s., Poria s., Poria asiatica) (C:9): on 3 Ont [1341], Que [1672], NB, NS [1032]; on 8 BC [1012, 1718]. Associated with a brown rot.

T. stipticus (Polyporus immitis): on 3 NB [1032, 1742]; on 5 BC [1012]. Associated with a brown rot.

T. subvermispora (Poria s.): on 8 BC [579, 1012]. Apparently associated with a white rot.

T. undosus (Polyporus u.) (C:9): on 2 BC [1012]; on 3 Que [F71]; on fallen trunk of 13 Que [373]. Associated with a brown rot.

Uredinopsis sp.: rust, rouille: on 2, 5 BC [F74]; on 2, 8 BC [F71]; on 3 Ont [1341], Que [F69], NB [1032], NS [F61, F71, F73], Nfld [1661].

U. americana (U. mirabilis) (C:11): needle rust, rouille des aiguilles: 0 I on 3 Ont [1236], Que [1377], NS [1032].

U. arthurii (C:11): rust, rouille: on 3 Que [1377]; on 13 Que [1375]. The report by Faull apparently was the basis of the records in Conners and in Pomerleau [1377].

U. ceratophora (C:11): rust, rouille: 0 I on 3 Ont [1236].

U. hashiokai (C:11): rust, rouille: 0 I on 5, 8 BC [1012, 2008].

U. longimucronata (C:11): rust, rouille: 0 I on 2, 5, 8 BC [2008]; on 3 Ont [1236], Que [1377].

U. longimucronata f. *cyclosora* (C:11): rust, rouille: on 2, 5, 8 BC [1012, 2007].

U. osmundae (C:11): rust, rouille: 0 I on 3 Ont [1236, 1341], Que [1377].

U. phegopteridis (C:11): rust, rouille: 0 I on 3 Ont [1236], Que [1377]; on 8 BC [1012, 2008, 2007].

U. pteridis (U. macrosperma, Peridermium pseudobalsameum): rust, rouille: 0 I on 2, 5, 8 BC [1012, 2008]; on 2, 5 BC [1012]; on 5 BC [1341].

U. struthiopteridis (C:11): rust, rouille: 0 I on 3 Ont [1236], Que [1377], NB [F68]; on 8 BC [1012, 2008, 2007].

Valsa sp. (C:11): on 3 Sask, Man [F67], Ont [F61], Que [F66]; on 5, 8 BC [1012].

V. abietis (C:11): on 3 Ont [1340, 1422, F61, F69], Que [1689 by inoculation, F76], NB, NS [1032, F62], PEI [1032].

V. friesii (anamorph *Cytospora dubyi*) (C:11): canker, chancre cytosporéen: on 3 Ont [1340], Que [1689, F68, F70, F72, F74, F75, F76], NB, PEI [1032].

V. pini: on 3 Que [1689] by inoculation, NS [1032]. Usually on *Pinus*.

Vararia granulosa (Grandinia g.) (C:11): on 2, 8 BC [1012]; on 5 BC [557]; on 13 Ont [557]. Associated with a white rot.
V. investiens: on 3 Ont [557]. Associated with a white rot.
V. racemosa (C:11): on 5 BC [557]; on 8 BC [1012]. Associated with a white rot.
Verticicladiella brachiata: on 3 NB [1610].
V. dryocoetidis (holomorph *Ceratocystis d.*): on 8 BC [878].
Vesiculomyces citrinus (Corticium radiosum, Gloeocystidiellum c.) (C:6): on 3 NB, NS [1032]; on 8 BC [1012]. Associated with a white rot.
Virgella robusta: on 2 BC [1012].
Wolfiporia extensa (Poria cocos): on 3 NB [1032]. Causing a brown rot.
Wrightoporia lenta (Poria l.) (C:9): on 8 BC [1012]. Associated with a brown rot.
W. illudens (Polyporus abieticola) (C:9): on 3 Que [F71]. Associated rot uncertain.
Xeromphalina campanella (Omphalia c.) (C:11): white stringy rot, carie blanche filandreuse: on 3 Que [1672], NB [1032, 1610, 1742]; on 8 BC [1012].
Zythia resinae (Pycnidiella r.) (holomorph *Biatorella r.*) (C:11): on 3 Que [F60].

ABUTILON Mill. MALVACEAE

1. *A. theophrasti* Medic., velvet-leaf; naturalized from India, in waste ground, vacant lots and cult. fields, BC, Sask-Que, NS, PEI.

Verticillium dahliae: on 1 Ont [1087].
V. nigrescens: on 1 Ont [1087].

ACER L. ACERACEAE

1. *A. circinatum* Pursh, vine maple, érable circiné; native, along the s. coast of BC and 2 small areas on Vancouver Island.
2. *A. ginnala* Maxim., Amur maple, érable de tartarie; imported from Asia.
3. *A. glabrum* Torr., Rocky Mountain maple, érable nain; replaced in Canada by *A. g.* var. *douglasii* (Hook.) Dipp., Douglas maple, érable nain; native, extending from isolated spots on the Alaska-BC border throughout c. and s. BC and Vancouver Island and into sw. Alta.
4. *A. macrophyllum* Pursh, bigleaf maple, érable à grandes feuilles; native, along coast and on islands of s. BC.
5. *A. negundo* L., Manitoba maple, érable à giguère; native, Sask-Man to isolated spots in w. and s. Ont but frequently cultivated and naturalized beyond its range. 5a. *A. n.* var. *interius* (Britt.) Sarg.; native, common in prairie region.
6. *A. palmatum* Thunb., Japanese maple, érable du Japon; imported from Asia.
   6a. *A. p.* var. *atropurpureum*, a cultivated variety with reddish leaves.
7. *A. pensylvanicum* L., striped maple, bois barré; native, from the e. shore of Lake Superior to Gaspé, Que and NS but not in deciduous forest region s. of Lake Simcoe, Ont.
8. *A. platanoides* L., Norway maple, érable de Norvège; imported from Europe.
9. *A. pseudoplatanus* L., sycamore maple, érable blanc; imported from Europe and w. Asia.
10. *A. rubrum* L., red maple, érable rouge; native, w. boundary of Ont - s. Nfld.
11. *A. saccharinum* L., silver maple, érable argenté; native, s. Ont-s. NB.
    11a. *A. s.* var. *laciniatum* (Carr.) Pax, Wier maple.
12. *A. saccharum* Marsh., sugar maple, érable à sucre; native, w. Ont-NS. 12a. *A. s.* ssp. *nigrum* (Michx. f.) Desmarais, black maple, érable noir; native to s. Ont.
13. *A. spicatum* Lam., mountain maple, plaine bâtarde; native, s. Sask-Nfld.
14. Host species not named, i.e., reported as *Acer* sp.

Acarosporina microspora (Schizoxylon m.): on 12 Que [F68].
Acremonium boreale: on 5 BC, Alta, Sask [1707].
Acrospermum cuneolum (Glyphium elatum) (C:12): on 13 NB [1032]; on 14 BC [589].
Acrostalagmus sp.: on 12 Que [941].
Alatospora acuminata: on 4 BC [43].
Aleurodiscus sp.: on 4 BC [1012].
A. botryosus (C:12): on 13 Ont [964]. Lignicolous.
A. canadensis: on 14 Ont [964]. See *Abies*.
A. cerussatus (C:12): on 14 Ont [964]. Lignicolous.
A. oakesii (C:12): on 10, 12 Ont [1341] and 12 Ont [964]. Lignicolous.
Allescheriella crocea: on 5 Sask [1760].
Alternaria sp.: on 10, 12 Que [F60] and 12 Que [945, purposely wounded].
A. alternata (A. tenuis auct.*)*: on 12 Ont [92].
Antrodia crustulina (Poria c.): on 10 NS [1036]. See *Abies*.
A. malicola (Trametes m.): on 12 Ont [1341]. Associated with a brown rot.
Armillaria mellea (C:12): root rot, pourridié-agaric: on 4 BC [6]; on 7, 10, 12 Que [1376]; on 10, 12 Ont [1341]; on 11 Ont [F64]; on 12 Ont [6, F63], Que [912, F66, F68, F70, F73, F74]; on logs of 12 Que [911]; on 14 Ont [F66], Que [1377]. See *Abies*.
Arthrobotrys arthrobotryoides: on 12 Ont [92].
Articulospora tetracladia: on 4 BC [43].
Ascocoryne sarcoides (Coryne s.): on 12 Que [941].
Ascotremella faginea: on dead trunks of 14 Que [1385].

A. turbinata: on 14 Que [1340]. Lignicolous.

Aspergillus fumigatus: on 14 NB [1610].

Athelia scutellare (Corticium s.) (C:12): on 12 Ont [1341]. Lignicolous.

Aureobasidium sp. *(Pullularia sp.)*: on 12 Que [F60].

A. apocryptum (Gloeosporium a., Kabatiella a., G. saccharinum) (C:13): anthracnose, anthracnose: on 2 Ont [338]; on 5, 8 NB [1032, 1340, F64]; on 7 NB [F64], NS [F62] and NB, NS, PEI [1032]; on 8 Que [337], NS [1032, F63]; on 10 Ont [336, 337, F75], Que [F74], NB [F60], NS [F62, F66], PEI [1340]; on 10, 12 Que [F61, F65, F75], NB, NS [339, 1032, F63, F64, F65], PEI [1032, F64]; on 10, 13 Nfld [1659, 1660, 1661, F65, F66, F67, F68, F74]; on 11 Que [336], NS [1032]; on 12 Ont [339, F76], Que [F69, F72, F73, F76], NB, NS [1340, 1594, F61, F67, F75] and NB [F60], NS [F62, F66, F68, F69, F72], PEI [337, F61, F63, F72]; on 12, 13 Nfld [F73]; on 13 NB [1032, 1340, F64], NS [1032, F63], Nfld [F61, F62, F76]; on 14 Ont [338, F74], Que [338], NB [F66, F73], NS [336], Nfld [1661, 1594] and NB, PEI [336, 337, F62].

A. pullulans: on purposely wounded 12 Que [945].

Basidiodendron eyrei: on 14 BC [1016]. Associated with a white rot.

Bertia moriformis: on 13 NS [1032].

Bispora betulina: on 12 Ont [92]; on 14 Que [1755], NB [1610].

Bisporella citrina (Helotium c.): on 7 NB [1032].

Bjerkandera adusta (Polyporus a.) (C:15): on 10 Ont [1341]; on 10, 12 Que [1390]; on 12 NB [1032]; on 14 NS [1032]. See *Abies*.

B. fumosa (Polyporus f.): on 4 BC [1012]. Associated with a white rot.

Bondarzewia berkeleyi (Polyporus b.) (C:15): on 4 BC [1012]. Associated with a white rot.

Botryobasidium pruinatum: on 4 BC [1012]. Associated with a white rot.

B. vagum: on 1 BC [1012]. See *Abies*.

Botryohypochnus isabellinus (Botryobasidium i.): on 14 Ont [1341].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*): on 14 Sask [1760].

Brachysporium nigrum: on 14 Ont [827].

Byssocorticium atrovirens: on 14 Ont [1341, 1827].

Cacumisporium capitulatum: on 14 Ont, Que [586].

C. tenebrosum: on 14 Que [587].

Calocera cornea: on 4 BC [1012]. Associated with a brown pocket rot.

Cantharellus sp.: on 12 Ont [1341].

Cephalosporium sp.: on 10 Ont [973]; on 12 Ont [92, 1828], Que [941, 945].

Ceraceomyces serpens: on bark of 12 Ont [568]; on stick of 14 Ont [568]. See *Abies*.

Ceratocystis sp.: on 12 Ont [94, 92].

C. acericola: on 12 Ont [647, 1340].

C. coerulescens: on 12 Ont [647].

C. major: on 12 Ont [647].

C. piceae: on 10 Ont [647, 1340].

C. spinulosa: on 11 Ont [1340]; on 12 Ont [647].

C. tenella: on 12 Ont [1340].

Ceriporia reticulata (Poria r.) (C:16): on 4 BC [1012, F62]. Lignicolous.

C. spissa (Poria s.): on 12 Ont [1341]. Associated with a white rot.

C. tarda (Poria semitincta): on 12 NS [1036]. See *Abies*.

Cerocorticium confluens (Corticium c.) (C:12): on 14 NS [1032]. Lignicolous.

Cerrena unicolor (Daedalea u.) (C:12): white spongy rot, carie blanche spongieuse: on 3 BC [1855]; on 7, 10, 12, 13, 14 NB [1032]; on 7 NS [1855]; on 7, 12, 14 NS [1032]; on 8, 12 Ont [1855]; on 8, 10, 12, 14 Ont [1341]; on 10 Que [1376], PEI [1032]; on 12 Ont [1827], Que [1391 dead branch, 1376, 1378]; on 14 Que [1377, 1855, F66], PEI [1032].

Chalara sp.: on 12 Que [941].

Cheimonophyllum candidissimus (Pleurotus c.): on 10 NS [1032]. Lignicolous.

Chlorociboria aeruginascens: on 4 BC [1012].

C. aeruginosa: on 12 Ont [1340].

Chondrostereum purpureum (Stereum p.) (C:16): on 10, 12, 14 NS [1032]; on 12 Ont [92, 1341], Que [911 logs, 945]; on 14 BC [1012], Ont [1341]. See *Abies*.

Chytridium ?confervae: on decaying leaves of 1 BC [44].

Ciboria acericola (C:12): on 14 Ont [662].

C. acerina (C:12): on 14 Ont, Que [662].

Cladosporium sp.: on 14 NB [1610].

C. herbarum: on 4 BC [1012].

C. humile (C:12): leaf spot, tache des feuilles: on 10 Ont [1340], Nfld [1661].

C. macrocarpum: on 5 Man [1760].

Climacodon septentrionalis (Hydnum s., Steccherinum s.) (C: 13, 16): white spongy rot, carie blanche spongieuse: on 10, 11 Ont [1341]; on 12 Que [1377, 1376], NB [1032, F65]; on 14 Ont [1341, 1660, F62]. Often on wounds on live trees.

Clitocybe truncicola: on stumps or dead trunks of 14 Que [1385].

Coccomyces coronatus (C:12): on 12 Ont [1340]; on 14 NS [1032].

C. tumidus: on 14 NS [1609].

Comatricha suksdorfii (C:12): on 10 Que [F60].

Coniochaeta subcorticalis: on 12 Ont [1340].

C. velutina: on 12 Ont [94, 92, 1789].

Coniophora arida (C. betulae) (C:12): on 12 Ont [1341]. Associated with a brown rot.

C. puteana: on 12, 14 Ont [1828]. See *Abies*.

Coniothyrium sp.: on 10 Ont [973]; on 12 Ont [92].

Conoplea olivacea (C. sphaerica) (C:12): on 14 Ont [784].

Coprinus micaceus: on 12 Ont [92].

Cordana pauciseptata (C:12): on decaying wood of 14 Que [796].

Coriolopsis gallica (Trametes hispida) (C:16): white ring rot, carie blanche annelée: on 14 NWT-Alta [1063].

Coriolus hirsutus (Polyporus h.) (C:15): white spongy rot, carie blanche spongieuse: on 3, 4 BC [1012]; on 10, 12, 13, 14 Ont [1341], NS [1032]; on 12 NB [1032].

C. pubescens (Polyporus p., P. velutinus) (C:15): on 10, 12, 14 Ont [1341]; on 12 Ont [1063]; on 14 Ont [1827]. See *Abies*.

C. versicolor (Polyporus v.) (C:15): white spongy rot, carie blanche spongieuse: on 4 BC [1012]; on 7, 10, 12, 14 Ont [1341], NS [1032]; on 10 Que [1376], NB, NS, PEI [1032]; on 12 Que [911 logs, 912, 1390], NB, NS [1032]; on 13 NS, PEI [1032]; on 14 Que [1377], NB, NS [1032].

Coronicium albo-glaucum (Xenasma a.) on 12, 14 Ont [967]. Lignicolous.

Corticium sp.: on 12 Ont [1341]; on 12 logs Que [911].

Corynespora pruni: on 13 Man [1760].

Crepidotus applanatus: on 10 Ont [1306].

C. mollis (Agaricus fulvotomentosus) (C:12): on 4 BC [1012]; on 14 NS [1032]. In these two references the name appeared as *Crepidotus fulvotomentosus* Peck, but Peck published it as *Agaricus (Crepidotus) fulvotomentosus*.

C. versutus: on 13 Ont [1341].

Cristulariella depraedans: on 1 BC [1427]; on 7, 10, 12, 13 Ont [1427]; on 10 Ont [1827]; on 13 Que [F64].

Crustomyces subabruptus (Cystostereum s.): on 4 BC [1012]. Lignicolous.

Cryptendoxyla hypophloia: on 14 Ont [1040], under bark on dead tree.

Cryptodiaporthe acerinum (C:12): on 7, 10, 12 Ont [1340]; on 10 Que [F63]; on 12, 14 Ont [1442].

C. myinda (C:12): on 12 Ont [F60]. Should be compared with *C. acerinum*.

C. petiolophila (C. densissima var. *spicata)* (C:12): on 5, 10, 13 Ont [1340]; on petioles and small twigs of 12, 13 Ont [79].

Cryptosporella sp.: on 10 Ont [1340]; on 12 Ont [1827].

Cryptosporiopsis sp.: on 5 Sask, Man [F69] and Man [1768].

Cucurbidothis pithyophila: on 1 BC [1012, F67]. Unusual record, usually on insect on *Pinus*.

Cucurbitaria caraganae: on 5 Sask [F69].

Cylindrobasidium evolvens (Corticium e., C. laeve) (C:12): on 4 BC [1012]; on 12 Ont [92, 1341], Que [911, 945 purposely wounded], NB [1032]; on 14 Ont [1341], NB [1610], NS [1032]. Lignicolous.

Cylindrocarpon sp.: on 12 Ont [92].

C. candidulum (holomorph *Nectria veuillotiana*): on 14 Ont [176].

Cylindrocephalum sp.: on 12 Ont [1340].

Cyphellopsis anomala: on 4 BC [1012]; on decorticated wood of 14 BC [1424].

Cyptotrama asprata (Collybia lacunosa) (C:12): on 14 NS [1032, 1436]. Associated with a white rot.

Cystostereum murraii (Stereum m.) (C:16): on 5, 12 Ont [1341]; on 10 Que [1377, 1376]; on 12 Que [941]; on 10, 14 NS [1032]. Associated with a white rot.

Cytospora sp.: on 4 BC [1012]; on 5, 7, 8, 10, 12, 14 NB [1032]; on 7, 10, 14 Ont [1340]; on 10 Ont [1827], NS, PEI [1032], Nfld [1659, 1661]; on 11 NS [1032]; on 12 Que [941, 945 purposely wounded], PEI [1032].

C. ambiens (holomorph *Valsa ambiens*) (C:12): canker, chancre: on 8 Ont [333]; on 11 Ont [339].

C. annulata (C:12): on 5 Sask [F65, F69]; on 7 Ont [1340].

C. decipiens: on purposely wounded 12 Que [945].

Dacrymyces palmatus (C:12): on 13 NS [1032]. See *Abies*.

Daedaleopsis confragosa (Daedalea c.) (C:12): on 10, 12, 14 Ont [1341]; on 12 NB, NS [1032]; on 14 PEI [1032]. Associated with a white rot.

Daldinia concentrica: on 14 Que [1377]. Lignicolous.

Dasyscyphus patula (Lachnum p.): on 14 Ont [1340].

Datronia mollis (Trametes m.) (C:16): on 4 BC [1012]; on 7, 10, 12, 14 NS [1032]; on 10 Ont [1341]; on 12 Ont [1341, 1660], NB [1032]; on 14 Ont [1827]. Associated with a white rot.

Dendrophoma pulvis-pyrius: on 12 Que [F67].

Dendrothele alliacea (Aleurocorticium a., Aleurodiscus acerinus var. *alliaceus)* (C:12): on 12, 14 Ont [965]. Lignicolous.

D. candida (Aleurocorticium c.): on 14 Ont [965]. Lignicolous.

D. dryina (Aleurocorticium d.): on 14 Ont, Que [965]. Lignicolous.

D. griseo-cana (Aleurocorticium g.): on 10 Que [965]; on 14 Ont [965]. Lignicolous.

D. incrustans (Aleurocorticium i.): on 4 BC [965]. Lignicolous.

D. maculata: on 14 Ont, Que [965]. Lignicolous.

Dendryphiopsis atra (holomorph *Microthelia incrustans*): on 5 Man [1760].

Dermea acerina (C:12): on 10, 12 Ont [1234], Que [F67], NB, NS [1032].

Diaporthe acerina (C:12): on 13 Ont [1340, F60], NS [1032]; on 14 Ont [1827].

D. dubia (C:12): on 12 Ont [1340, F60], Que [F70]; on 14 Ont [1340].

Diatrype sp.: on 14 BC [1012].

D. macounii: on 12 Que [1377, 1376, 1378].

D. stigma (C:12): on 10, 12, 14 Ont [1340].

Diatrypella frostii (C:12): on 12 Ont [1827]; on 12, 14 Ont [1340].

Diplodia sp.: on 5 Ont [1340].

Diplodina acerina (Cytodiplospora a., Discella a., Fusicoccum obtulusum, Septomyxa tulasnei, Stagonospora collapsa) (C:16): on 5 Ont [1340, F66], NB [1032, 1036, F61], NS [1036], PEI [1032, 1036]; on 10 Ont [1340]; on 13 Man [F67]; on 14 NS [1032].

Doratomyces purpureofuscus: on 5 Sask, Ont [1760].

D. stemonitis: on 14 Sask [1760].

Dothidea sambuci: on 5 Man [F68].

Dothiorella sp.: on 10 Ont [1340].

Durella compressa: on 12 Ont [1340]. The name is of uncertain application. Specimens and records should be reexamined.

Endophragmiella bisbyi (Endophragmia b.): on dead bark of 13 Man [801, 1760].

E. collapsa: on decaying wood and bark of 14 Que [803].

E. subolivacea: on 14 Ont, Que [804]. On fallen branches, particularly around stromata of *Diatrype* sp. and *Valsa ambiens*.

Epicoccum sp.: on purposely wounded 12 Que [945].

E. purpurascens: on 5 Sask [1760].

Erinellina miniopsis: on 10 Ont [1340]. The generic name is a synonym of *Dasyscyphus*, but this species may not be a *Dasyscyphus*.

Eutypa spinosa: on 12, 14 Ont [1340].

Eutypella parasitica (C:13): on 8 Ont [853]; on 10 Ont [1340, 1828, 1827, F60], Que [918, 1376]; on 10, 11, 12 Ont [F66]; on 12 Ont [1340, 1828, F60], Que [?918, 940, 1377, 1376, F67, F68, F71, F72, F74]; on 12 Ont, Que [F73, F75, F76]; on 14 Ont [F69, F74].

E. stellulata (C:13): canker, chancre eutypelléen: on 12 Ont [1340].

Exidia sp.: on 13 NB [1032].

E. glandulosa (E. spiculosa): on 12 Ont [1341]. Lignicolous.

E. nucleata (C:13): on 4 BC [1012]; on 12, 14 Ont [1341]; on 14 NS [1032]. Lignicolous.

E. recisa: on 13 Ont [1341]. Lignicolous.

Exidiopsis grisea (Sebacina g.): on 13 NB [1032, 1036]. Lignicolous.

Favolus alveolaris (C:13): on 12 Ont [1341]; on 14 NB [1032]. Associated with a white rot.

Fomes fomentarius (C:13): white mottled rot, carie blanche madrée: on 10, 12 Ont [1341]; on 12 Ont [1827], Que [941, 1376], NB, NS [1032]; on 14 Que [1377], NS [1032].

Fomitopsis pinicola (Fomes p.) (C:13): on 10, 14 NB [1032]; on 12, 14 Ont [1341]; on 12 Que [911] logs. See *Abies*.

Fusarium sp.: on 4 BC [1012]; on 12 Ont [94, 92], Que [941, 945 purposely wounded].

F. solani (holomorph *Nectria haematococca*) (C:13): on 8 Ont [F61, F62].

Fusicoccum sp.: on 14 NS [1032].

Ganoderma applanatum (Fomes a.) (C:13): white mottled rot, carie blanche madrée: on 4 BC [1012]; on 5, 10, 11, 12, 14 Ont [1341]; on 10 NS, PEI [1032]; on 12 Ont [92, F63], Que [911 logs, 1391, 1376, 1378], NB, NS [1032]; on 14 Ont [1341] Que [1377], NB, NS [1032].

G. lucidum: on 10 NS [1032]; on 14 Ont [1341]. See *Abies*.

G. resinaceum (G. sessile): on 10 Ont [1341]. Associated with a white rot.

Gliocladium roseum: on 12 Ont [92].

G. viride: on 14 NB [1610].

Gloeocystidiellum karstenii: on 10 NB [1032]. Associated with a white rot.

G. leucoxanthum (Corticium l.) (C:12): on 12 NS [1032]. Associated with a white rot.

G. porosum: on 14 Ont [1341]. Associated with a white rot.

Gloeophyllum sepiarium (Lenzites s.): on 4 BC [1012]. See *Abies*.

Gloeoporus dichrous (Polyporus d.) (C:15): on 10, 12, 14 Ont [1341]; on 12 Ont [92], Que [1390]; on 14 Ont [1660], Que [568]. Associated with a white rot.

Gloeosporium sp.: on 4 BC [1012]; on 7 Ont [1827]; on 8, 10, 11, 12, 13, 14 Ont [1340]; on 10, 12 Que [F75, F76]; on 10 NB [1032]; on 12 Ont [F73], Que [1377].

G. decolorans (C:13): on 10 Que [F61]; on 12 NB [1032]. The application of the name is uncertain. Specimens and records should be reexamined.

G. oblongisporum: on living leaves of 11 Ont [439]. A species of *Cylindrium*, cf. *C. aerugonosum* [20].

Gnomonia cerastis: on 14 BC [79].

Gomphus floccosus (Cantharellus f.): on 12 NB [1032].

Graphium sp.: on 12 Que [941]; on 14 NB [1610].

G. giganteum (C:13): on 12 Que [F62].

Graphostroma platystoma: on 14 Ont, Que [1343].

Gymnopilus spectabilis (Pholiota s.) (C:15): on 12 Ont [585], Que [941], NB, NS [1032]. Associated with a white rot.

Gymnosporangium cornutum: on 13 Nfld [1661]. The host was probably mountain ash (*Sorbus*) not mountain maple (*Acer*).

Gyromitra infula (Helvella i.): on 14 Ont [1828].

Haematostereum rugosum (Stereum r.): on 10 NS and on 12 NB [1032]. See *Abies*.

Hapalopilus nidulans (Polyporus n.) (C:15): on 10 Ont [1341], NS [1032]. See *Abies*.

Hendersonia sp.: on 12 Ont [92]. See comment under *Abies*.

H. sarmentorum (C:13): on 7 NS [1032]. See comment under *Abies*. However, the proper generic disposition for this species name is uncertain.

Hericium americanum (H. coralloides Amer. auct.*)*: on 12 Ont [115]; on live or dead trunks of 14 Que [1385].

H. coralloides (H. ramosum) (C:13): white spongy rot, carie blanche spongieuse: on 12 Ont [1341]; on dead trunks of 14 Que [1385].

H. erinaceus (C:13): white spongy rot, carie blanche spongieuse: on 12 Ont [92, 1341], NB [1032]; on 14 NB [1032]. These specimens are probably a form of *H. americanum*. Neither the recent North American monograph of *Hericium* [712] nor the recent Quebec mycoflora [1385] accepted this species as part of the Canadian mycoflora, despite earlier Canadian records.

Herpotrichia pezizula (C:13): on 13 NS [1032].

H. schiedermayeriana: on 13 Ont [1666].

Heterobasidion annosum (Fomes a.) (C:13): on 4 BC [1012]. See *Abies*.

Heterochaetella dubia (C:13): on 14 Ont [1015]. Lignicolous.

Hydnochaete olivaceum: on 10 NS [1032]. Associated with a white rot.

Hygrophorus lignicola: on 12 NS [146], on a recently fallen tree. Perhaps not distinct from *Pleurotus dryinus*.

Hymenochaete corrugata (C:13): on 5, 12, 13 Ont [1341]; on 7, 10 NB [1032]; on 14 NS [1032]. See *Abies*.

H. spreta: on 13 NS [1032]. Associated with a white rot.

H. tabacina (C:13): canker, chancre hyménochétéen: on 4 BC [1012]; on 5, 7, 10, 12, 13 Ont [1341]; on 7, 10, 12, 13 NB, NS [1032]; on 10, 12, 13 PEI [1032]; on 12 Ont [92, 1827], Que [911, 912, 1376], Nfld [1659, 1660, 1661]; on 14 Ont [1341], Que [1377], NS, PEI [1032]. See *Abies*

Hymenoscyphus calyculus (Helotium virgultorum) (C:13): on 4 BC [1012].

H. epiphyllus (Helotium e.) (C:13): on 14 NS [1032].

Hyphoderma heterocystidium (Peniophora h.) (C:14): on 10, 12 Ont [1341]. Lignicolous.

H. litschaueri (Corticium l.) (C:12): on 12 NB [1032]. Lignicolous.

H. mutatum (Peniophora m.) (C:14): on 10 Ont, Que [1341]. Associated with a white rot.

H. praetermissum (H. tenue): on 14 Ont [198]. See *Abies*

H. puberum (Peniophora p.): on 12 NB [1032]; on 14 Ont [1341]. See *Abies*.

H. sambuci (Peniophora s.) (C:14): on 12 Ont [1341, 1828]. Associated with a white rot.

H. setigerum (Peniophora aspera) (C:14): on 4 BC [1012]; on 5, 12 Ont [1341]; on 7 NB [1032]; on 12, 14 NS [1032]. See *Abies*.

Hyphodontia arguta: on 12 Ont [1341]. See *Abies*.

H. crustosa (Odontia c.) (C:14): on 10 NB, NS and on 14 NS [1032]. See *Abies*.

H. spathulata (Odontia s.): on 10 NB, NS and on 12 NB [1032]. See *Abies*.

Hypholoma fasciculare (Naematoloma f.) (C:14): on 4 BC [1012]. See *Abies*.

Hypochnicium analogum: on 4 BC [1012]; on 12 Ont [1341]. Associated with a white rot.

H. bombycinum (Corticium b.) (C:12): on 12 Ont [1341]; on 13 NS [1032]. Associated with a white rot.

H. vellereum (Corticium v.) (C:12): white spongy rot, carie blanche spongieuse: on 10 NB [1032]; on 12 Ont [92, 94, 156, 1341], Que [941, 911 on logs].

Hypocreopsis lichenoides (anamorph *Stromatocrea cerebriforme*): on 13, 14 Ont [230].

Hypoderma rufilabrum (C:13): on 13 Ont [1340, 1828, F60], NS [1032]; on 14 Ont [1340]. Lignicolous.

Hypoxylon sp.: on 10, 13 NB, NS [1032]; on 12 Ont [1827, F63], NS [1032]; on 14 NS, PEI [1032].

H. cohaerens (C:13): on 10, 12 Ont [1340].

H. deustum (Ustulina vulgaris) (C:13): brittle white heart-rot, carie blanche friable: on 4 BC [1012]; on 10, 12 Que [1376]; on 12 Ont [1340], Que [1377], NS [1032]; on 14 Que [F65].

H. fragiforme (C:13): on 10, 12 Ont [1340].

H. fuscum: on 5 Man [F66]; on 12 Ont [1340].

H. mammatum (H. blakei) (C:13): canker, chancre: on 2 Sask [1594, F67]; on 10, 12 Ont [1340], Que [1376]; on 12 Que [1377, 1378].

H. multiforme (C:13): on 7 Ont [1340]; on 13 Nfld [1659, 1660, 1661].

H. rubiginosum (C:13): on 12 Ont [1340]; on 13 NB, NS [1032]; on 14 Ont [1340], NB [1610], PEI [1032].

H. serpens: on 12 Ont [1340].

Hypsizygus ulmarius (Pleurotus u.) (C:15): on 12 Ont [1341]; on 14 Que [1385].

Hysterium pulicare (C:13): on 12 Ont [1340]; on 14 NB [1032].

Inonotus cuticularis (Polyporus c.) (C:15): on 12 Ont [92, 1341]; on 14 BC [1014]. Associated with a white rot.

I. glomeratus (Polyporus g.) (C:15): on 10, 12 Que [1377, 1376]; on 12 Ont [92, 585, 1341, 1827], Que [941, 1390 on dead trunk], NB [1032]; on 14 Ont [1341], NS [1032]. Associated with a white rot.

I. radiatus (Polyporus r.) (C:15): on 14 NS [1032]. Associated with a white rot.

I. obliquus (Poria o.): on 10 Que [1376]. Associated with a white rot.

Irpex lacteus (Polyporus tulipiferae) (C:15): white spongy rot, carie blanche spongieuse: on 10, 12, 13 Ont [1341], NB [1032]; on 10 NS, PEI [1032]; on 12 Ont [92], Que [911 logs, 912]; on 13 Que [1390]; on 14 Ont [1341], PEI [1032].

Junghuhnia nitida (Poria attenuata, P. eupora): on 7 NS [1032]; on 10 NB [1032, 1036]; on 12 PEI [1032]; on 14 Ont [1004]. Associated with a white rot.

Kavinia himantia: on 14 Ont [1341]. Associated with a white rot.

Laeticorticium roseocarneum (Dendrocorticium r., Stereum r.) (C:16): on 14 Ont, NB [930], NS [1032]. Lignicolous.

L. roseum (Aleurodiscus r.): on 10 NB [1032]. Associated with a white rot.

L. violaceum (Dendrocorticium v.): on 12 Ont [930]. Lignicolous.

Laetiporus sulphureus (Polyporus casearius, P. sulphureus): on 10, 12 Ont [1341]; on 12 Que [1389] living trunk; on 14 Ont [1341, 1828], Que [1377]. See *Abies*.

Lasiosphaeria ovina: on 12 Ont [1340].

Leiosphaerella falcata: on small, dead branches of 14 Que [144].

Lentinellus cochleatus: on 10 PEI [1032]. Associated with a white rot.

Lenzites sp.: on 12 Ont [92].

L. betulina (C:14): on 10, 14 NS [1032]; on 12 Ont [1341, 1827], NB [1032]; on 14 Ont [1341], Que [1391] on stump. Associated with a white rot.

Leptographium sp.: on 12 Ont [92].

Leucostoma sp.: on 10 NB [1032].

Libertella sp.: on 12 Ont [92], Que [941].

L. acerina (C:14): on 12 Que [853].

Licrostroma subgiganteum: on 14 Que [965]. Lignicolous.

Lophiostoma pileatum: on 12 Que [234].

Lophiotricha viridicoma: on 14 Ont [1340].

Lycogala flavofuscum (C:14): slime mold: on 12 Que [F62]. Probably saprophytic on rotted wood.

Lycoperdon pyriforme: puff-ball: on 12 Ont [1341]. Probably saprophytic on rotted wood.

L. umbrinum (C:14): puff-ball: on 12 Ont [1341]. Probably saprophytic on rotted wood.

Macrodiaporthe everhartii (Melanconis e., Cryptodiaporthe magnispora) (C:14): on 10, 12 Ont [1340, F60], on 10 Ont [1827], NS [1032]; on 13 Ont [1340], NS [1032].

Marasmiellus candidus (Marasmius c.): on 4 BC [1012].

Margarinomyces sp.: on 12 Ont [1340].

Marssonina sp.: on 12 Ont [1340].

Massaria sp.: on 12 Ont [1340].

M. inquinans (C:14): dieback, dépérissement massarien: on 10 Ont [1340]; on 12 Ont [1340, 1660, 1827, F71]; on 13 NS [1032]; on 14 Ont [1340, 1626], Que [1377, 1626].

Melanconiella sp.: on 5 Sask [F65].

Melanconiopsis inquinans (holomorph *Massariovalsa sudans*) (C:14): canker, chancre mélanconiopsien: on 4 BC [1012].

Melanconium sp.: on 4 BC [1012].

Melanomma sp.: on 12 Ont [1340].

M. pulvis-pyrius: on 12 Ont [1828].

Melasmia acerina (holomorph *Rhytisma acerinum*): on 14 Ont [1763].

Menispora glauco-nigra: on 14 Que [826].

M. tortuosa: on 14 Ont, Que [826].

Meruliopsis corium (Merulius c.) (C:14): on 4 BC [1012, 1341]; on 14 BC [568]. Associated with a white rot.

Merulius tremellosus (C:14): on 4 BC [568, 1012]; on 10, 12 NB [1032]; on 12 Ont [1341]; on 14 Ont [568, 1828], Que [568], NB [1610], NS [1032]. See *Abies*.

Microdiplodia sp.: on 10 Ont [1827].

Mollisia caespitica: on 14 NS [1032].

M. cinerea (C:14): on 14 Ont [1827].

M. stictella (C:14): on 13 NS [1032].

Mucor sp.: on 12 Que [941, 945 purposely wounded].

Mycena cyaneobasis: on 14 Ont [1306], gregarious on rotten wood.

M. meliigena (M. corticola Amer. auct.*)* (C:14): on 12 Ont [1341], Que [F66].

M. subcaerulea (Hygrophorus miniatus): on logs of 14 Ont [1306].

Mycoacia fuscoatra: on 10 Ont [1341]. Associated with a white rot.

M. uda: on 4 BC [1012]. Associated with a white rot.

Mycopappus aceris (Cercosporella a.) (C:12): on 4 BC [1012].

Myxosporium sp.: on 1, 7, 13 Ont [1340]; on 5 Ont [1827]. These reports may be of *Discula acerina*.

Nectria sp.: on 4 BC [F65]; on 5, 11, 14 Que [1377]; on 7 Que [1376]; on 10 Ont [1340]; on 10, 12 Que [1377, 1376], NS [1032].

N. cinnabarina (C:14): dieback and coral spot, dépérissement: on 4 BC [1012]; on 5 Alta [F66], Sask [F67, F69], Man [F67], NB, PEI [1032], NS [336, 1032]; on 8 NB [1032, F63], PEI [1032], Nfld [334, 336 dead tips of live branches, 338, 1594]; on 9 Nfld [1660, 1661]; on 10, 11, 12, 13 Ont [1340]; on 10 NS [1032], Nfld [338, 1661, F65]; on 11a Ont [338]; on 12 Que [1378], NB [1032, F72]; on 13 Sask [F66], Que [1392]; on 14 Que [1377], NB, NS, PEI [1032], Nfld [337, 1661, F64].

N. coccinea (C:14): on 1, 4 BC [1012].

N. episphaeria: on 14 Que [F65].

N. galligena (C:14): target canker, chancre nectrien: on 9 Nfld [F75]; on 10 NB [1032]; on 12 Que [1009, F60, F66], NS [1032, F64].

N. ?galligena: on 10 Nfld [1660].

N. modesta (C:14): on 14 Ont [1340, F62, F63].

Neobulgaria pura: on 14 Ont [569]. Lignicolous, on branches etc. on the ground.

Nidularia sp.: on 10 Ont [1340]. Lignicolous, on twigs, etc. and wood chips on the ground.

Nodulisporium sp.: on 10 Ont [973]; on 12 Ont [93, 92, 585], Que [941].

Nummularia repanda: on 14 Man, Ont [862].

Oedemium didymum (holomorph *Chaetosphaerella fusca*): on 5 Man [821].

Oidium sp.: powdery mildew, blanc: on 1 BC [1816]. Probably the anamorph of an *Uncinula* or *Phyllactinia*.

Ophiobolus rubellus: on 5 Ont [1620].

Ophiocordyceps clavulata (C:14): on 13 Ont [F61, F62]. Usually on insects.

Orbilia coccinella: on 10 Ont [1340]. This name has been applied to several different fungi.

Otthia hypoxylon (C:14): on 5 Sask [F67].

Oxyporus latemarginata (Poria l.): on 12 Ont [1341]. Associated with a white rot.

O. populinus (Fomes connatus) (C:13): white spongy rot, carie blanche spongieuse: on 7 Ont [1827], NS [1032]; on 10 Ont [1341], Que [1377, 1376, F67]; on 10, 12, 14 NB, NS, PEI [1032]; on 12 Ont [1341, F69], Que [941, 1377, 1376, 1378, F67]; on 14 BC [1014], Ont [1341, 1828, 1827], Que [1391 dead, 1385]. Often causing heart rot in live trees.

O. similis (Poria s.): on 13 NB [1036]. Associated with a white rot.

Pachyella clypeata (Peziza c.): on 14 Ont [1340].

Panellus serotinus (Pleurotus s.) (C:15): white spongy rot, carie blanche spongieuse: on 10, 12 NB [1032]; on 12 Que [1376]; on 12, 14 NS [1032].

Panus rudis (C:14): on 10, 12 Ont [1341]; on 14 NS [1032]. Associated with a white rot.

Penicillium sp.: on 14 NB [1610].

Peniophora sp.: on purposely wounded 12 Que [945]. Lignicolous.

P. cinerea (C:14): on 10 NB, NS [1032]; on 12 Ont [92], Que [911] logs, NS [1032]; on 12, 13 Ont [1341]; on 14 PEI [1032]. See *Abies*.

P. decorticans: on 4 BC [1012]. Lignicolous.

P. incarnata (C:14): on 4 BC [1012]; on 8, 14 NS [1032]. Lignicolous.

P. nuda: on 8, 14 NS [1032]. Lignicolous.

P. violaceolivida: on 14 NS [1032]. Lignicolous.

Pezicula acericola (C:14): on 7, 12, 13 Ont [1340]; on 12, 13 NS and on 13 NB [1032].

P. carnea (C:14): dieback, dépérissement péziculéen: on 7 Ont [1340]; on 10 NB [1032]; on 14 Que [1392].

Phaeoisaria sparsa: on 13 Sask, Man [1760].

Phanerochaete laevis (Peniophora affinis) (C:14): on 10 PEI [1032]; on 12 Ont [1341]. Associated with a white rot.

P. sordida (Peniophora cremea) (C:14): on 4 BC [1012]; on 13 PEI [1032]. See *Abies*.

P. tuberculata (Corticium t.) (C:12): on 12 Ont [1341]. Lignicolous.

P. velutina (Peniophora v.): on 14 Ont [1828]. Associated with a white rot.

Phellinus conchatus (Fomes c.): on 4 BC [1012]; on 14 Ont [1341]. Associated with a white rot.

P. ferreus (Poria f.) (C:15): white spongy rot, carie blanche spongieuse: on 4 BC [1012]; on 7, 10, 12, 14 NB [1032]; on 10, 12 NS, PEI [1032]; on 14 BC [558], NS [1032].

P. ferruginosus (Poria f.) (C:15): white spongy rot, carie blanche spongieuse: on 7 NB [1032]; on 10 PEI [1032]; on 12 Que [1377], NS [1032]; on 14 BC [558], NS [1032].

P. igniarius (Fomes i.) (C:13): white trunk rot, carie blanche du tronc: on 3 BC [1012]; on 7 Ont [1341], Que [1376]; on 7, 10, 11, 12, 13, 14 NB [1032]; on 10 Ont [973], Que [1391 dead, 1376]; on 10, 12, 14 NS [1032]; on 12 Ont [92, 585, 1341, 1827], Que [941, 1376, 1378]; on 14 BC [558], Ont [1341, 1827], Que [1377].

P. laevigatus (Fomes igniarius var. *l., Poria l.)* (C:13): on 7, 10, 12 NB, NS [1032]; on 10 Ont [1341]; on 14 NS [1032]. Associated with a white rot.

P. punctatus (Poria p.) (C:15): white spongy rot, carie blanche spongieuse: on 7, 12 Ont [1341]; on 7, 13 NB [1032].

P. viticola (Fomes v.): on 10 NB, NS [1032]; on 12 PEI [1032]; on 14 BC [558], NB [1032]. See *Abies*.

Phialocephala canadensis (C:14): on 14 Que [877].

P. fusca (C:14): on 14 Que [877].

Phialophora sp.: on 12 Ont [93, 92], Que [941, 945 purposely wounded]; on 14 NB [1610].

P. americana: on 14 NB [1610].

P. botulispora: on 12 Ont [279].

P. fastigiata: on 12 Ont [92].

P. lagerbergii: on 12 Ont [279]; on 14 NB [1610].

P. melinii: on 10 NB, NS [279]; on 12 Ont [93, 94, 92, 279]; on 14 NB [1610].

P. verrucosa: on 14 Que [279].

Phibalis furfuracea (Cenangium f., Encoelia f.): on 5 Mack [53, F65], NWT-Alta [1063].

Phlebia deflectens (Corticium d.): on 12 NS [1032]. Lignicolous.

P. radiata (C:15): on 4 BC [1012]; on 12 Que [568]; on 14 Ont [568, 1828], NS [1032]. See *Abies*.

P. rufa (Merulius r., M. pilosus): on 4 BC [1012]; on 12 Ont [1341, 1660]; on 14 BC, Ont [568]. See *Abies*.

Phleogena faginea (P. decorticata): on 12 Ont [1827]. Lignicolous.

Phloeospora sp.: on 10, 12 NB [1032].

Phloeospora platanoides: leaf spot, tache des feuilles: on 8 NS [338].

Pholiota sp.: on 14 Ont [463].

P. adiposa: on 12 Ont [1341]; on 14 Que [1377]. Associated with a white rot.

P. albocrenulata (C:15): on 12 NS [1032]; on stumps of 14 Que [1385]. Associated with a white rot.

P. alnicola (Flammula a.): on 12 Ont [92]. See *Abies*.

P. aurivella (C:15 as *P. adiposa*): on 12 Ont [92], Que [941, 949]; on trunks of 14 Que [1385]. See *Abies*.

P. flammans (P. kauffmaniana): on 12 Ont [1341]. Associated with a white rot.

P. squarrosoides: on 10, 12 Que [1377]; on 12 Que [1376]. Lignicolous.

Phoma sp.: on 12 Ont [92], Que [941, 945 purposely wounded].

P. aceris-negundinis (C:15): on 5 PEI [1032].

P. fumosa (C:15): on 5 Sask [F67], Man [1768, F65, F67].

Phomopsis sp.: on 4 BC [1012]; on 10 Ont [1340]; on 11, 12 NB [1032]; on 12 Ont [92, 1340], NS [1032].

P. platanoides: on 12 Ont [1340].

Phyllactinia sp.: powdery mildew, blanc: on 5 BC [1012].

P. guttata (P. corylea) (C:15): powdery mildew, blanc: on 14 Que [1377].

Phyllosticta sp.: on 2 Ont [1340].

P. minima (P. acericola) (C:15): leaf spot, tache des feuilles: on 2, 10, 12, 13 Ont [1340]; on 10 Ont [F69, F73], Que [F61, F62, F76], NB, NS, PEI [1032, F65], Nfld [1659, F68, F69, F70, F71]; on 10, 12 Que [1377, F72], NB, NS, PEI [F64, F66], Nfld [1660, 1661, F65, F74, F76]; on 12 Ont [339, F76], Que [333, F73, F74], NB [1032, F74]; on 13 NB [1032], Nfld [F73].

P. minutella: on 12 Ont [195].

P. negundinis (C:15): leaf spot, tache des feuilles: on 5 Que [F62].

Phyllotopsis nidulans (Claudopus n.): on 12 Ont [1341]. See *Abies*.

Piggotia negundinis (C:15): leaf spot, tache des feuilles: on 5 Ont [440], Que [1377].

Plagiostoma acerophilum (Gnomonia a.): on 7, 10, 13 Ont, Que [79]; on 14 Que [141]. On leaf petioles and main veins of overwintered leaves.

Pleospora sp.: on 4 BC [1012].

Pleuroceras tenella: on 10, 14 Ont [79]. On leaf blades, veins and upper portions of petioles.

Pleurothecium recurvatum: on 14 Ont [587].

Pleurotus ostreatus (C:15): on 4 BC [1012]; on 10, 12 Ont [1341]; on 14 Que [1377]. See *Abies*.

P. strigosus (Panus s.): on 14 Que [1385], NS [1032]. See *Abies*.

P. subareolatus: on 4 BC [1012]. Associated with a white rot.

Plicatura crispa (P. faginea, Trogia c.) (C:16): on 10 NB [1032]; on 12 Ont [1341]; on 14 NB [1036]. Lignicolous.

P. nivea: on 7 Ont [563, 1341]. Associated with a white rot.

Pluteus admirabilis: on 12 Ont [1341]. Lignicolous.

Polyporus sp. (C:15): on logs of 12 Que [911].

P. badius (P. picipes) (C:15): on 4 BC [1012]; on 12 Ont [1341]. See *Abies*.

P. brumalis: on 12 Ont [1341], NB [1032]; on 14 Ont [1341, 1828]. Lignicolous.

P. lentus (P. fagicola): on old trunks of 14 Que [1385]. Lignicolous.

P. squamosus: on 5, 12 Que [1377]; on 12 Ont [1341]; on 14 Ont [1828], Que [1389], NS [1032]. Associated with a white rot.

P. varius (P. elegans) (C:15): on 7, 12, 13, 14 Ont [1341]; on 12, 14 NS [1032]. See *Abies*.

Poria sp.: on 1 BC [1012]; on 7, 10, 13 NB [1032]; on 10, 12 NS [1032]. Lignicolous.

P. fraxinea (Fomes f.) (C:13): white spongy rot, carie blanche spongieuse: on 14 Ont [1828].

P. subacida: on 14 NS [1032]. See *Abies*.

Prosthecium appendiculata (Melanconiella a.): on 10 Que [F67].

P. stylosporum (Pseudovalsa s.) (C:16): on 12, 13 NS [1032]; on 13 Man [F67], Ont [1340, F63].

Protoventuria vancouverensis (Antennularia v.) (C:16): on bark of dead tree of 14 BC [73].

Pseudospiropes nodosus: on 14 BC [816].

P. simplex: on 14 Ont, Que [817].

Pulveria porrecta: on 12 Ont [1042].

Pycnoporus cinnabarinus (Polyporus c.) (C:16): on 10, 14 Ont [1181, 1341], NS [1032]; on 12 Ont [1341], Que [1390], NB [1032]. Associated with a white rot.

Pyrenochaeta sp.: on 12 Ont [1827].

Ramaria stricta: on 12 Ont [1341].

Rebentischia sp.: on 12 Que [F70].

Resinicium bicolor (Odontia b.): on 14 NS [1032]. See *Abies*.

Rhinocladiella sp.: on 12 Ont [92, 585].

R. anceps: on 12 Ont [92].

Rhodotus palmatus: on 10 Que [F71]. Lignicolous.

Rhytisma acerinum (C:16): tar spot, tache goudronneuse: on 1 NB [1032]; on 2 Man [334]; on 5 Que [1377]; on 8, 10, 11, 14 Ont [1340]; on 10 Ont [425, 1827, F65, F66, F67, F68], Que [1340, 1377, F67, F76], NB [F69], NS [F67, F69] also NB, NS, PEI [1032, F65, F70], Nfld [1659, F74]; on 10, 13 Ont [F64, F70], Nfld [1660, 1661]; on 11 Ont [336], Que [333, 338, 1377], NB [1032, F63], NS, PEI

[1032]; on 12 Ont [F67], Que [1377], NB, NS [1032]; on 13 NB, PEI [1032], Nfld [F61, F62, F63, F64, F65]; on 14 Ont [F69], NB, NS [1032], Nfld [1661].

R. punctatum (C:16): speckled tar spot, tache goudronneuse ponctuée: on 4 BC [335, 1012, 1340, 1594, 1816]; on 5 Ont [1660, 1828, 1827, F69], NB [1032]; on 5, 13 Ont [1340, F64, F65, F67, F68]; on 7 Ont [1340], Que [1377, F75]; on 7, 10, 12, 13 NB, NS [1032, F65], PEI [F65]; on 10 Que [F62]; on 11 Que [1377]; on 12 Ont [1340, F70], Que [1377, F72, F75]; on 13 Man [F68], Ont [425, F66, F70], Que [F67, F75], Nfld [1659, 1660, 1661, F61, F62, F64, F65, F68, F73, F74]; on 14 Alta [338], Ont [1827], Nfld [1661].

Rigidoporus nigrescens (Poria n.): on 14 Ont [1341]. Associated with a white rot.

Rutstroemia setulata (Ombrophila s.) (C:16): on 13 Ont [1340, F60].

Sarcoscypha coccinea: on 14 NB [1036]. Apparently saprophytic on fallen branches.

S. occidentalis: on fallen trunks of 14 Que [1385].

Schizophyllum commune (C:16): white spongy rot, carie blanche spongieuse: on 1, 4 BC [1012]; on 10, 12, 14 Ont [1341], NB, NS [1032]; on 12 Que [565]; on 14 Ont [565].

Schizopora paradoxa (Poria versipora) (C:16): on 4 BC [1012]. See *Abies*.

Scutellinia scutellata: on 12 NB [1032]; on 14 Ont [1340].

Scytinostroma galactinum: on 10 PEI [1032]; on 12 Ont [1341]. See *Abies*.

Sebacina epigaea (C:16): on 14 NS [1032]. Associated with a white rot.

Septobasidium sp.: on 13 Ont [1828]. Probably on insects on *Acer*.

Septogloeum sp.: on 5 Sask [F60]. Possibly a specimen of *Diplodina acerina*.

Septoria sp.: on 10 Que [F61]; on 12 Ont [1340].

S. aceris (Cylindrosporium acerinum, Phloeospora canadensis, P. aceris) (C:15): small leaf spot, tache petite des feuilles: on 1, 3 BC [1012, 1816]; on 3 BC [644, 953, F73]; on 4 BC [1816]; on 7 Ont [195]; on 7, 10, 12 NB, NS, PEI [1032, F64]; on 7, 10, 12, 13 Ont [1340]; on 10 NB, NS, PEI [F65, F66]; on 12 Que [334, 339, F62, F72], NB, NS, PEI [F66]; on 12a NB [1032]; on 13 Que [282, F62], NB, NS [1032], Nfld [1661]; on 14 NB, NS, PEI [F66].

S. belonidium: on living leaves of 11 Ont [439].

S. negundinis (C:16): leaf spot, tache des feuilles: on 5 Sask [F65, F71], Man [F68], Que [1377].

Sistotrema brinkmannii: on 12 Ont [1827]. See *Abies*.

Spadicoides atra: on 14 Ont, Que [791].

Sphaeronaema acerinum (holomorph *Dermea acerina*) (C:16): on 12 Ont, NS [1340].

Sphaeropsis sp.: on 12 Ont [92, 1340].

S. albescens (C:16): dieback, dépérissement sphéropsien: on 5 Sask [F65, F67], Man [F67].

S. clintonii (C:16): on 13 [1340, F60].

Sporidesmium foliculatum: on 14 Ont [825], Que [1018].

Stachybotrys atra: on 12 Ont [92].

Stagonospora collapsa: on 10 Ont [1340].

Steccherinum sp.: on 12 Ont [1341]. Lignicolous.

S. ciliolatum (Odontia c.): on 12 PEI [1032]; on 14 Ont [1828]. Associated with a white rot.

S. fimbriatum (Odontia f.) (C:14): on 4 BC [1012]; on 14 Ont [1341]. Associated with a white rot.

S. ochraceum (C:16): on 4 BC [1012]; on 14 Ont [1827]. Associated with a white rot.

Stegonsporium acerinum: on 12 Ont [92, 147 bark and branches].

S. pyriforme (S. ovatum) (C:16): canker, chancre stéganosporien: on 8, 10, 11, 12 Ont [1340]; on 8 NS [1032]; on 10 NB [1032]; on 12 Ont [646, 1827, F64, F67, F69, F72], Que [335, F69], NS [F74] and NB, NS, PEI [1032]; on 14 Ont, Que [1625, F60], NB, NS [1032, 1625] and Que [F66].

Stereum sp.: on 12 Ont [1827]. Lignicolous.

S. complicatum (C:16): on 12 Ont [1341]. Lignicolous.

S. hirsutum (C:16): on 10 Ont [1341]; on 12 Ont [1340, 1827]; on 14 NS [1032]. See *Abies*.

S. ochraceo-flavum (C:16): on 4 BC [1012]. Lignicolous.

S. ostrea (C:16): on 7 NB, NS [1032]; on 10, 11 Ont [1341]; on 12 NB, NS, PEI [1032]; on 13 NB [1032]; on 14 Ont [1341], NS [1032]. See *Abies*.

Stictis radiata (C:16): on 12, 13 NS [1032].

Stigmina negundinis (Coryneum n., Sciniatosporium n.) (C:16): twig blight or canker, brûlure des rameaux: on 5 BC, Man [1066], Alta, Sask, Man, Ont, NB [1127], Sask, Man [1760], Sask, Man, Ont [F65, F67], NB, NS, PEI [1032]; also on 5 Ont [1340], NB [F73], NS [F63]; on 5a Sask [1760].

Streptomyces sp.: on wood chips of 14 NB [1610].

Stromatocrea cerebriforme (holomorph *Hypocreopsis lichenoides*): on 13, 14 Que [230].

Taphrina sp.: on 10 NB, NS [F69]; on 14 PEI [1032].

T. darkeri (C:16): leaf blister, cloque des feuilles: on 3 BC [1816, F60].

T. dearnessii (C:16): leaf blister, cloque des feuilles: on 10 Que [F74, F75, F76], NB, NS [1032, F65, F66] and NB [F74]; on 12, 14 NB [1032].

T. letifera (C:16): leaf blister, cloque des feuilles: on 7 NS [1032]; on 13 Ont [1340], NB [1032, F65].

T. sacchari: leaf blister, cloque des feuilles: on 12 Que [1377, F73].

Tetragoniomyces uliginosus (Tremella u.): on rotting petioles of 4 BC [900]. Mycoparasitic on basidiomycetous sclerotia perhaps belonging to a species of *Thanatephorus* [1187].

Thelephora sp.: on 14 Ont [1828].

Thyrsidina sp.: on 12 Ont [1827].

Tomentella sp.: on 14 Ont [1341].

T. botryoides: on 14 Ont [1341, 1828, 1827].

T. bryophila (T. pallidofulva): on 14 Ont [1341, 1828, 1827].

T. cinerascens: on 14 Ont [1341].

T. crinalis: on 14 Ont [1828].

T. neobourdotii: on 14 Ont [1341, 1828].

T. olivascens: on 14 Ont [1341].

T. spongiosa: on 10 NS [1032].

T. sublilacina: on 14 Ont [1341, 1828].

T. umbrinospora: on 14 Ont [1341, 1828].

T. viridescens: on 14 Ont [1341].

Torula ligniperda: on 12 Que [1378]; on 14 Que [1377].

Trechispora farinacea (Cristella f.): on 14 Ont [1341]. See *Abies*.

T. vaga: on 4 BC [1012, 970]. See *Abies*.

Trematosphaeria sp.: on 10 Ont [1340].

Tremella lutescens: on 14 NS [1032]. Lignicolous.

T. mesenterica: on 13 NS [1032]. Associated with a white rot.

Trichaptum biformis (Polyporus pargamenus) (C:15): white spongy rot, carie blanche spongieuse: on 7, 10 NB, NS [1032]; on 10, 12 Ont [1341]; on 11, 12 14 PEI [1032]; on 12 Que [1390]; on 13 NB [1032]; on 14 NWT-Alta [1063], Que [1377].

Trichocladium canadense: on 12 Ont [93, 94, 92, 585], Que [941, 945]; on 14 NB [1610].

T. opacum: on 13 Sask [1760].

Trichoderma sp.: on 12 Que [941].

T. lignorum: on 12 Ont [585]. Probably a specimen of *T. viride*.

T. viride: on 12 Ont [92], Que [945] purposely wounded; on 14 NB [1610]. See *Abies*.

Trichothecium roseum: on 5 Ont [1827].

Tricladium splendens: on 4 BC [43].

Tubercularia ulmea: on 2 Sask, Man [F68]; on 5 Sask, Man [F67].

T. vulgaris (holomorph *Nectria cinnabarina*) (C:16): on 4 BC [1012]; on 5 NB, PEI [F64]; on 12 Ont [1340, 1828].

Tubulicrinis glebulosus (Peniophora gracillima) (C:14): on 14 NS [1032]. See *Abies*.

Tympanis acericola (C:16): on 13 NS [1032, 1925].

T. pulchella: on 7 Que [1221].

T. truncatula: on 14 Que [1221].

Typhula erythropus: on petioles and blades of fallen leaves of 4 BC [901].

Tyromyces caesius (Polyporus c.) (C:15): on 4 BC [1012]; on 14 Ont [1341]. See *Abies*.

T. chioneus (Polyporus albellus) (C:15): on 12 Ont [1341], NS [1032]; on 14 Ont [1341, F63]. See *Abies*.

T. galactinus (Polyporus g.): on 14 Ont [1341]. See *Betula*.

T. stipticus (Polyporus immitis): on 14 Ont [1341]. See *Abies*.

Uncinula bicornis (C:16): powdery mildew, blanc: on 4 BC [335, 1012, 1257].

U. circinata (C:16): powdery mildew, blanc: on 10, 11, 12, 13 Ont [1257]; on 10, 13 Ont [1340], NS [1032, F61]; on 10, 12, 13 Que [1257]; on 12 Que [1377].

Valdensia heterodoxa (Asterobolus gaultheriae) (holomorph *Valdensinia h.*): on 4 BC [1438].

Valsa sp.: on 1 BC [193]; on 10 Ont [1340]; on 12 NB [1032].

V. ambiens (V. sordida) (anamorph *Cytospora a.*): on 10 NB [1032]; on 12 Que [1377].

V. clavigera: on 1 BC [193].

V. etherialis (C:16): on 12 NS [1032].

Vararia effuscata (C:16): on 10 Ont [557]. Associated with a white rot.

V. investiens (C:16): on 12 Ont [1341]. See *Abies*.

V. pallescens: on 12 Ont [1341]. Associated with a white rot.

Varicosporium elodeae: on 4 BC [43].

Venturia acerina: on 10, 12 Ont [1340]; on 10 NB [1032].

Verticillium sp. (C:16): wilt, flétrissure: on 6a BC [1816]; on 8 Que [1377]; on 12 Ont [94, 92], Que [941]; on 14 Ont [97, 96, 337].

V. albo-atrum: wilt, flétrissure: on 8 Ont [336]; on 8, 10, 12 Ont [F64]; on 12 Ont [1827], Que [336, F63]; on 14 Ont [38, 333, F69], Que [F69], PEI [1032].

V. dahliae (C:16): wilt, flétrissure: on 3, 4 BC [1978]; on 8 BC [1595]; on 12 Ont [676], Que [F73]; on 14 BC [1012], Que [F69].

Volvariella bombycina: on 12 Que [1385] on wounds. Lignicolous.

Wardomyces hughesii: on 14 Que [717].

Xenasma praeteritum: on 14 Ont [967]. Lignicolous.

X. rallum: on 14 Ont [967]. Lignicolous.

X. tulasnelloideum: on 14 Ont [967]. Lignicolous.

Xylaria sp.: on 1 BC [1012]; on 12 Ont [1340]; on 14 NB [1032].

X. hypoxylon: on 4 BC [1012].

X. polymorpha: on 5, 14 Ont [1340]; on 12 Ont [1340, 1828]; on 14 Que [1377].

ACHILLEA L. COMPOSITAE

1. *A. millefolium* L., common yarrow, achillée millefeuille; imported from Europe and w. Asia, natzd. as weed in all regions.
2. *A. nigrescens* (E. Mey.) Rydb. (*A. borealis* Bong.), northern yarrow, herbe à dindes; an arctic-alpine species, Yukon-Nfld.
3. *A. ptarmica* L., sneezewort yarrow, achillée ptarmique; imported from Europe

and Asia, natzd., BC, Alta, Ont, Que, NS, Nfld and Labr.

Erysiphe cichoracearum: powdery mildew, blanc: on 1 Ont, Que [1257].

Leptosphaeria doliolum (C:17): on 1 Que [70].

L. millefolii (C:17): on 1 Ont [760].

Ophiobolus anguillidus: on dead stems of 1 Ont [1620].

O. erythrosporus (C:17): on *A.* sp. Que [70].

O. mathieui: on 1 Que [1620].

Puccinia millefolii (C:17): rust, rouille: III on 1 Yukon [460], Que [1236]; on 3 NB [333, 1194].

Venturia centaureae (C:17): on overwintered leaves of 2 Labr [73].

Wentiomyces fimbriatus (Venturia f.) (C:17): on 1 Que [70, 73].

ACHLYS DC. BERBERIDACEAE

1. *A. triphylla* (Smith) DC., vanilla leaf, achlyde; native, BC and grown in gardens across Canada.

Ascochyta achlyicola: leaf spot on 1 BC [1816].

Rhizoctonia sp.: on 1 BC [1012].

Stagonospora achlydis (Ascochyta a.) (C:17): on 1 BC [1012].

ACORUS L. ARACEAE

1. *A. calamus* L., sweet flag, acorus roseau; native, s. Mack, BC-PEI.

Uromyces sparganii (C:17): rust, rouille: II III on 1 Ont [1236].

U. sparganii spp. *sparganii* (C:17): rust, rouille: on 1 Ont, Que, NS [1287].

ACTAEA L. RANUNCULACEAE

1. *A. pachypoda* Ellis, white baneberry, actée à gros pédicelles; native, Ont-PEI.
2. *A. rubra* (Ait.) Willd., red baneberry, actée rouge; native, BC-Nfld. 2a. *A. r.* ssp. *arguta* (Nutt.) Hult.; native, Yukon, BC-Alta.

Puccinia recondita s. l. (C:18): rust, rouille: 0 I on 1 Ont [1236]; on 2 BC [1012], Que [1236]; on 2a BC [1816].

AESCULUS L. HIPPOCASTANACEAE

1. *A. carnea* Hayne (*A. hippocastanum* x *A. pavia* L.), red horse chestnut.
2. *A. hippocastanum* L., horse-chestnut, marronnier d'Inde; imported from Balkan peninsula.

Bjerkandera fumosa (Polyporus f.) (C:18): on 2 PEI [1032]. See *Acer*.

Chondrostereum purpureum (Stereum p.) (C:18): on 2 BC [1012, 1816]. It often fruits on wounds on live trees. See *Abies*.

Cladosporium herbarum: on 2 BC [1012, F72].

Coriolus versicolor (Polyporus v.): on 2 BC [1012, 1816]. See *Abies*.

Cryptodiaporthe aesculi: on 2 NB [F65, 1032].

Cylindrobasidium evolvens (Corticium laeve): on 2 NS [1032]. Apparently saprophytic on dead branches and stems. See *Abies*.

Cytospora sp.: on 2 NB [1032].

Gloeosporium sp.: on 2 NS [1032].

Guignardia aesculi (anamorph *Phyllosticta sphaeropsoidea*) (C:18): leaf blotch: on 2 Ont [1340], Que [1377], NS [F60, F63, F64, F70, F71, F72, 337, 338, 339], Nfld [1661]; on 2 NB, NS [F65, F66]; on 2 NB, NS, PEI [335, 1032, F61, F68, F69, F73]; on 2 NS, PEI [F62, F67, F75, F76, 333, 334, 336].

Haematostereum rugosum (Stereum r.): on 2 NS [1032]. See *Abies*.

Hyphoderma mutatum (Peniophora m.): on 2 NS [1032]. Lignicolous, typically on logs.

Hypoxylon deustum (C:18): on 2 NS [1032].

Laxitextum bicolor: on 2 NS [1032]. Lignicolous, typically on logs.

Nectria cinnabarina (anamorph *Tubercularia vulgaris*) (C:18): on 2 BC [1012, 1816], Ont [336], Que [336, 1377], NB, NS [1032], Nfld [334, 1594].

N. coccinea var. *faginata* (C:18): on 2 NB [1032].

Oxyporus populinus (Fomes connatus): on 2 NS [1032]. It often fruits on wounds on live trees. See *Acer*.

Phyllosticta paviae: on 2 Ont [1340, F73, F76]. This name is of uncertain application. Specimens cited are probably referable to *P. sphaeropsoidea* (holomorph *Guignardia aesculi*).

Pleospora sp.: on 2 BC [1012].

Pleurotus sapidus: on 2 NB [1032]. Causes a white rot of wood. It often fruits on wounds on live trees.

Poria sp.: on 2 NS [1032].

Schizophyllum commune: on 2 NS [1032]. Apparently saprophytic on dead branches and stems. See *Abies*.

Sclerotinia sclerotiorum: on 2 NS [605].

Tubercularia sp.: on 2 BC [1012]; on *A.* sp. Ont [1340].

Tubercularia vulgaris (holomorph *Nectria cinnabarina*): on 2 Ont [1340].

Uncinula flexuosa (C:18): powdery mildew, blanc: on 1 Ont [1257]; on 2 NS [F65, 1032].

AGOSERIS Raf. COMPOSITAE

1. *A. glauca* (Pursh) Raf.; native, BC-w. Ont.

Puccinia columbiensis (C:19): rust, rouille: III on 1 Alta [644].

P. hieracii (C:19): rust, rouille: II III on 1 NWT-Alta [644, 1063].

AGRIMONIA L. ROSACEAE

1. *A. eupatoria* L., aigremoine eupatoire; imported from Europe, w. Asia and n. Africa.
2. *A. gryposepala* Wallr., agrimony, aigremoine à sépales crochus; native, BC, Ont, Que, NS, PEI.
3. *A. pubescens* Wallr.; native, s. Ont.
4. *A. striata* Michx., grooved agrimony, aigremoine strieé; native, BC-Nfld.

Gnomonia comari (Apiognomonia guttulata) (anamorph *Zythia fragariae*) (C:19): on *A.* sp. NS [79].
Pucciniastrum agrimoniae (C:19): rust, rouille: II III on 2 Ont [1828]; on 2, 3, 4 Ont [1236], Que [282]; on *A.* sp. Alta, Man [2008].
Sphaerotheca macularis (C:19): powdery mildew, blanc: on 1 Ont [1257]; on 2, 3 Ont, Que [1254, 1257]; on 4 Alta [1254], Ont, Que [1257].

x *AGROHORDEUM* GRAMINEAE

1. *A. macounii* (Vasey) Lepage (*Elymus m.* Vasey), Macoun's wild rye; hybrid from *Agropyron trachycaulum* var. *trachycaulum* x *Hordeum jubatum*; native, Yukon, Mack, BC-Man.

Pseudoseptoria stomaticola (Selenophoma donacis) (C:107): on 1 BC [1728].

AGROPYRON Gaertn. GRAMINEAE

New scientific data has resulted in much spirited discussion and several publications on the number of genera and their circumscriptions in this group of the Gramineae. The genera *Agropyron* and *Elymus* are treated herein in a restricted sense and several segregate genera are recognized. The scheme of Dewey, Crop Science 23: 637-642, 1983, has been adopted. Recognition of the genus *Leymus* seems justified on cytogenetic grounds. All species of *Leymus* appear to be built on two basic genomes, the J and X. They are distinctly different from the S and H genomes of *Elymus* and from the C genome of *Agropyron*.

The recognition of segregate host plant genera was done with the hope that the occurrence of parasitic fungi only on certain genera or certain species would provide evidence supporting or denying the generic limits of the Gramineae recognized herein. The recognition that parasitic fungi (esp. the rust fungi) have coevolved with their host plants has shown that certain species (plant and fungus) were misclassified.

1. *A. cristatum* (L.) Gaertn., crested wheatgrass, chiendent à crête; imported from Eurasia, natzd., Yukon, BC-Que, NS.
2. *A. desertorum* (Fisch.) Schult. (*A. sibiricum* auct.), desert wheatgrass, chiendent désertique; imported from Eurasia, natzd., Mack, BC-Ont.
3 Host species not named, i.e., reported as *Agropyron* sp. Some of these records may refer to species of *Elymus*, *Elytrigia* or *Pascopyrum*.

Acremonium boreale: on 1 BC, Alta, Sask [1707].
Ascochyta agropyrina var. *nana*: on 3 Sask [1414].
A. leptospora: on 3 Sask [1414].
Belonioscypha culmicola (Belonidium vexatum): on 3 Ont [228].
Bipolaris sorokiniana (Helminthosporium sativum) (holomorph *Cochliobolus sativus*) (C:20): foot rot, piétin commun: on 1 Alta [120, 133], Sask [961].
Cheilaria agrostis (Septogloeum oxysporum) (C:21): char spot: on 1 Sask [1700].
Claviceps purpurea (C:20): ergot, ergot: on 1 BC [1816]; on 1, 2 Sask [338]; on 1 Alta [133]; on 3 Alta, NB [333].
Drechslera tritici-repentis (holomorph *Pyrenophora tritici-repentis*) (C:20): on 3 Man [1611].
Phloeospora idahoensis: stem eye spot, tache ocellée de la tige: on 3 Alta [1708].
Physarum sp.: slime mold: on 1 Sask [338].
Puccinia coronata (C:21): rust, rouille: on 3 Ont [1236].
P. graminis f. sp. *secalis* (C:21 under *Puccinia g.*): rye stem rust: on 3 Alta, Ont [635].
P. striiformis (C:21): stripe rust, rouille striée: on 1 BC [1816].
Pyrenophora tritici-repentis (anamorph *Drechslera t.*): leaf spot: on 3 Sask [773, 1369].
Rhynchosporium secalis (C:21): scald: on 3 BC [333].
Sclerotinia borealis (C:21): snow mold, moisissure nivéale: on 2 BC [1816].
Septoria elymi (C:21): leaf spot, tache septorienne: on 3 Alta [333].

AGROSTIS L. GRAMINEAE

1. *A. borealis* Hartm., northern agrostis, agrostis boréal; native, BC-Que, Nfld, Labr.
2. *A. canina* L., velvet bent, agrostide des chiens; imported from Europe, natzd., BC-Nfld.
3. *A. capillaris* L. (*A. tenuis* Sibth.), colonial bent, agrostide commun; imported from Eurasia and N. Africa, natzd., BC, Ont-NS.
4. *A. exarata* Trin., spike red top; native, Mack, BC-Sask.
5. *A. gigantea* Roth (*A. alba* Am. auct.), red top, foin follette; imported from Eurasia, natzd., Yukon, BC-NS.

6. *A. perennans* (Walt.) Tuckerm., autumn bent, agrostis pérennant; native, Ont-Que.
7. *A. scabra* Willd. (*A. hyemalis* (Walt.) BSP), hairgrass, foin fore; native, Yukon, BC-Nfld.
8. *A. stolonifera* L., creeping bent, agrostis stolonifère; imported from Eurasia, natzd., BC-Nfld. 8a. *A. s.* var. *palustris (A. palustris* Huds.*)*, agrostide de marais; natzd., BC-Nfld.
9. *A. thurberiana* Hitchc., Thurber red top; native, BC-Alta.
10. Host species not named, i.e., reported as *Agrostis* sp.

Acremonium boreale: on 8 BC, Alta, Sask [1707].

Bipolaris sorokiniana (holomorph *Cochliobolus sativus*): on 3, 8a Alta [120] by inoculation.

Cheilaria agrostis (Septogloeum oxysporum) (C:23): leaf blotch, tache foliaire: on 8 Que [333].

Claviceps purpurea (C:22): ergot, ergot: on 5 Ont [335].

Dilophospora alopecuri (C:22): on 3 NB [333, 1195].

Drechslera catenaria (C:22): on 5 Alta [1611].

D. erythrospila (C:22): on 3 Ont [1611].

D. fugax (C:22): on 3 Ont [1611].

D. phlei (C:22): on 5 Ont [1611].

D. tritici-repentis (C:22): on 5, 7 Ont [1611].

Erysiphe graminis (C:22): powdery mildew, blanc: on 3 BC [1849]; on 4 BC [1729]; on 10 BC [334, 1816, 1849].

Fusarium sp.: on 3, 10 BC [1849].

F. nivale (C:22): pink snow mold, moisissure des neiges: on 3 BC [1849]; on 8a Alta [956, 1594], Ont [533]; on 10 BC [1849], Man [1367]. Unsettled taxonomic and nomenclatoral problems concerning the name *F. nivale* led me to cite the name as it has tradionally appeared in the Canadian literature.

Gaeumannomyces graminis (Ophiobolus g.) (C:22): on 3 BC [1201].

G. graminis var. *tritici*: on 3 BC [1619].

Helminthosporium sp.: on 3, 10 BC [1849]. Probably referable to either *Drechslera* or *Bipolaris*.

Laetisaria fuciforme (Corticium f.): on 3, 10 BC [1849]. One of several species which cause pink disease of turf grasses.

Leptosphaerulina australis: on 3 BC [1201].

Low-temperature basidiomycete (C:22): snow mold, moisisure des neiges: on 3, 8a Alta [333]. See comment under *Medicago*.

Mastigosporium rubricosum (C:22): eye spot, tache ocellée: on 8 NB [333, 1195].

Olpidium brassicae: in roots of 8a Ont [68].

Phyllachora graminis (C:22): on 3, 5 NB [1195]; on 10 NB, NS [333].

Pseudorobillarda agrostis (Robillarda a.): on 3 BC [1201].

Puccinia sp.: rust, rouille: on 3, 10 BC [1849].

P. coronata (C:22): rust, rouille: on 5 BC [1012]; II III on 8 Que [1236].

P. graminis (C:22): rust, rouille: on 5, 7 BC [1816], Ont [1236]; on 7 BC [1012]; on 8 NB [333, 1195].

P. graminis f. sp. *agrostidis* (C:22): rust, rouille: on 10 Alta [334].

P. poae-nemoralis (P. brachypodii var. *p.)* (C:22): rust, rouille: II III on 1 Que [1236].

P. praegracilis var. *praegracilis*: rust, rouille: on 9 BC, Alta [1578].

P. recondita s. l. (C:22): rust, rouille: on 3, 7 BC [1816]; on 6 NB [333, 1195]; on 7 BC [1012].

Ramularia pusilla (C:23): leaf spot, tache des feuilles: on 3, 6, 8 NB [333, 1195].

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:23): brown patch, plaque brune: on 3 BC [1849]; on 10 Man [1367].

Sclerotinia borealis (C:23): snow mold, moisissure des neiges: on 2 BC [1816]; on 10 Sask [1705].

S. homeocarpa (C:23): dollar spot, brûlure en plaques: on 10 BC [1849].

Septoria calamagrostidis (C:23): on 7 BC [1729].

S. triseti (C:23): leaf mottle: on 5 BC [1816].

Stagonospora avenae (Septoria a.) (holomorph *Phaeosphaeria avenaria*) (C:23): on 3 BC [1729].

Typhula sp. (C:23): snow mold, moisissure des neiges: on 8a Ont [533], Que [1594].

T. incarnata (C:23 under *T.* spp.): snow mold, moisissure des neiges: on 8a Ont [533].

T. ishikariensis var. *canadensis*: snow mold, moisissure des neiges: on 8a Ont [533].

T. ishikariensis var. *ishikariensis*: snow mold, moisissure des neiges: on 8a Ont [533].

Ustilago salvei (U. striiformis auct.) (C:23): stripe smut, charbon strié: on 5 BC [1816].

AILANTHUS Desf. SIMARUBACEAE

1. *A. altissima* (Mill.) Swingle, tree of heaven, ailante; imported from China, spread from cult., Ont-Que.

Armillaria mellea (C:23): root rot, pourridié-agaric: on 1 BC [1816].

Micropera sp.: on *A.* sp. BC [1012].

ALCEA L. MALVACEAE

Biennial or short-lived perennial herbs from the e. Mediterranean region and c.

Asia. Some species frequently grown as ornamentals.

1. *A. ficifolia* L. (*Althaea f.* (L.) Cav.); identity of species not established with any certainty.
2. *A. rosea* L. (*Althaea r.* (L.) Cav.), hollyhock, rose-trémière; imported from Asia Minor.

Puccinia malvacearum (C:30): rust, rouille: III on 1, 2 Ont [1236]; on 2 BC, Que [333, 334, 335, 336, 337, 338, 1281]; on 2 BC [339, 1012, 1816], Alta [335, 338], Ont [1341], NB [337, 339], NS [1594]; on 2 Alta, Sask, Ont, NS, PEI [1281], Man, NB, PEI [333], also NB, NS, PEI [334], NB, NS [1036]; on *A.* sp. NB [1194].

Sclerotinia sp.: on 1 Sask [420, 1138], Man [1138].

S. sclerotiorum (C:30): sclerotinia stem rot, pourriture sclérotique: on 2 BC [337], Sask [336].

ALLIUM L. LILIACEAE

1. *A. acuminatum* Hook., Hooker's onion; native, BC.
2. *A. ampeloprasum* L., leek, poireau; imported from Eurasia and N. Africa.
3. *A. amplectens* Torr.; imported from s. Pacific coast of North America.
4. *A. cepa* L., onion, oignon; known only from cultivation.
5. *A. cernuum* Roth, nodding onion; native, BC-Sask.
6. *A. geyeri* S. Wats.; native, Alta.
7. *A. sativum* L., garlic, ail; imported, perhaps derived from an Asiatic species.
8. *A. schoenoprasum* L., chives, ciboulette; imported from Eurasia.
9. *A. textile* A. Nels. & Macbr., prairie onion; native, Alta-Ont.

Alternaria alternata (A. tenuis auct.*)*: on 8 Ont [1340].

Alternaria porri (C:24): purple blotch, tache pourpre: on 4 BC [1202], Man [336], Ont [334, 1460, 1461], Que [333, 335, 338, 339, 348, 1654, 1639, 1641, 1647, 1652, 1653, 1595], and Ont, Que [1594].

Aspergillus niger (C:24): black mold, moisissure noire du bulbe: on 4 BC [1816].

Botrytis sp. (C:24): on 4 BC [1202, 1817, 1818], Man, NS [335], Ont [335, 1460, 1461, 1594], Que [335, 348, 1640].

B. allii (C:24): neck rot, pourriture du col: on 4 BC [335, 1816], Alta [339], Man [333], Ont [1450], Que [334, 338], NB [339], PEI [337], also BC, Alta, Ont [1594], BC, Sask, Man [336], BC, NS [334, 337, 338, 339].

B. cinerea (holomorph *Botryotinia fuckeliana*) (C:24): on 2 BC [1816]; on 4 Ont [337], Que [335, 1651, 1653, 1595], NB [338], Que, NS [334, 336, 337, 338].

B. squamosa (holomorph *Sclerotinia s.*) (C:24): on 4 Ont [1774], Que [338, 339, 348, 1650, 1654, 1671, 1641, 1651, 1647, 1652, 1653, 1594, 1786, 1787].

Colletotrichum circinans (C:24): on 4 Ont [333, 337], Que [333]; on 8 Ont [1340].

Doratomyces purpureofuscus: on *A.* sp. Ont [1148] on seeds.

Fusarium sp. (C:24): on 4 BC [1202, 1816], Ont [1460, 1461, 1594].

Fusarium spp. - *Pythium* spp. complex: on 4 Ont [1461, 1594].

F. acuminatum (C:24 under *F.* spp.): on 4 BC [1816].

F. oxysporum f. sp. *cepae* (C:24): on 4 BC, Man, NS [334]; on 4 BC [1595, 1816, 1979], Ont [339], Que [348, 1641, 1651, 1652], NS [333, 336]; also BC, Que [333, 335, 336, 338, 339], BC, Ont [337, 1594].

F. solani (holomorph *Nectria haematococca*) (C:24): on 4 BC [335, 336, 337, 1816, 1979].

Heterosporium allii (C:24): leaf blight, brûlure hétérosporienne: on 2, 4 BC [1816].

Penicillium sp. (C:24): on 4 BC [1594], Ont [1460].

Peronospora destructor (C:24): downy mildew, mildiou: on 4 BC [337, 1202, 1816, 1817, 1818], Ont [333, 1595], Que [334, 335, 1305, 1650, 1641, 1640, 1651, 1653] also BC, Que [333, 336, 338].

Puccinia allii: rust, rouille: on imported plants of 7 Que [1250]; on 8 Ont [1341].

P. blasdalei (C:24): rust, rouille: on 1, 3 BC [1545, 1816]; on *A.* sp. Alta [952].

P. granulispora (C:24): rust, rouille: on 5 BC [1012, 1816] and BC, Alta [644, 1545].

P. mixta (C:24): rust, rouille: on 4, 8 BC [1545, 1816]; on 8 BC, Ont [1556].

P. mutabilis (C:25): rust, rouille: on 6, 9 Alta [1545].

Pyrenochaeta terrestris (C:25): pink root, racine rose: on 4 BC [337, 339, 1202, 1979], Ont [335, 336], Que [338, 339, 1647, 1652].

Pythium sp.: on 4 BC [334, 1816], Ont [1595].

P. intermedium: on 4 Ont [868].

P. irregulare (C:25): on 4 Ont [868].

P. paroecandrum: on 4 Ont [868].

Sclerotium cepivorum (C:25): white rot, pourriture blanche: on 4 BC [337, 338, 339, 1199, 1202, 1594, 1816, 1845, 1843, 1979], Que [335, 338, 339, 348, 1641, 1647, 1652, 1653]; on 7 BC [1816], Que [333]; on *A.* sp. BC [1844].

Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:25): on 2, 4 Ont [667]; on 4 BC [1816].

Stilbella flavescens: on 4 Que [2].

Ulocladium consortiale (Stemphylium c.) (C:24): from seeds of 4 Ont [667].

Urocystis magica (U. cepulae) (C:25): smut, charbon: on 4 BC [334, 336, 337, 1202, 1545, 1816, 1817, 1818, 1979], Man [333, 335], Ont [337, 1460, 1461], Que [345, 346, 344, 342, 348, 343, 1305, 1654, 1639, 1647, 1652, 1653, 1788], also BC, Ont, Que [1594], BC, Que [333, 338, 339].

Uromyces aemulus (C:25): rust, rouille: on 1 BC [1545, 1816].

ALNUS B. Ehr. BETULACEAE

1. *A. crispa* (Ait.) Pursh, American green alder, aulne vert d'Amérique; native, Yukon-Keew, BC-NS, Nfld. 1a. *A. c.* var. *mollis* Fern. (*A. mollis* Fern.), silky alder, aulne soyeux; native, Ont-NS, Nfld. 1b. *A. c.* var. *sinuata* (Regel) Hult. (*A. sinuata* (Regel) Rydb.), Sitka alder, aulne de Sitka; native, Yukon, BC, Alta.
2. *A. incana* (L.) Moench, white alder, aulne blanc; imported from Eurasia.
3. *A. rubra* Bong. (*A. oregana* Nutt.), red alder, aulne de l'Orégon; native, BC.
4. *A. rugosa* (Du Roi) Spreng., speckled alder, verne; native, BC-Nfld. 4a. *A. r.* var. *americana* (Regel) Fern.; native, Sask-Nfld. 4b. *A. r.* var. *occidentalis* (Dippel) Hitchc. (*A. tenuifolia* Nutt.), mountain alder, aulne à feuilles minces; native, Yukon, Mack, BC, Alta.
5. Host species not named, i.e., reported as *Alnus* sp.

Acrodictys globulosa: on 5 Man [1760].

Alternaria sp.: on 1b BC [1012].

Anthostoma melanotes (C:25): on 5 NS [1032].

A. microsporum var. *exudans* (C:25): on 5 BC [1012].

Antrodia albida (Trametes sepium): on 5 BC [1012]. See *Abies*.

A. crassa (Poria c.): on 5 Nfld [1660]. Associated with a brown rot of wood.

Apiognomonia alniella var. *alniella* (C:25): on 5 Que [79].

Armillaria mellea (C:25): root rot, pourridié-agaric: on 3 BC [6, 1012]. See *Abies*.

Ascocoryne constricta: on 3 BC [1012].

Aureobasidium pullulans (C:25): on 3 BC [1012].

Basidioradulum radula (Hyphoderma r., Radulum orbiculare) (C:28): on 3 BC [1012]; on 5 NS [1032]. Typically on dead branches and stems. See *Abies*.

Bispora effusa: on 5 Man [1755, 1760].

Bisporella citrina (Helotium c.) (C:27): on 3 BC [1012]; on 5 NS [1032].

Bjerkandera adusta (Polyporus a.) (C:28): on 4a NB [1032]. See *Abies*.

Botryobasidium vagum (Pellicularia v.) (C:27): on 3 BC [1012]; on 5 NS [1032]. Typically on rotted logs. See *Abies*.

Caliciopsis sp.: on 3 BC [1012, F72].

Calocera cornea (C:25): on 3 BC [1012]. See *Acer*.

Calosphaeria cryptospora: on 5 Man [1340].

Ceraceomyces serpens: on log of 3 BC [568]. See *Abies*.

Cercoseptoria vermiformis: on 3 BC [1012, F66]. These specimens have been redetermined as *Mycopappus alni*.

Ceriporia purpurea (Poria p.) (C:28): on 3 BC [1012]. Associated with a white rot.

Cerrena unicolor (Daedalea u.) (C:26): white spongy rot, carie blanche spongieuse: on 1b Yukon [460, F62]; on 3 BC [1012]; on 4 Yukon [460]; on 4b BC [953]; on 5 NWT-Alta [1063], Mack, Alta [53], NS [1032, 1855], PEI [1032].

Chalara aurea: on 5 Man [1760].

Chaetosphaeria pulviscula: on 5 BC [826], as the *Menispora* state.

Chlorociboria aeruginascens (Chlorosplenium aeruginosum) (C:25): on 3 BC [1012]; on 4 Nfld [1661]; on 5 NS [1032].

C. aeruginosa (C:25): on 4 Ont [1340], Nfld [1660]; on 5 NWT-Alta [1063], Ont [1340], Nfld [1659].

Chondrostereum purpureum (Stereum p.) (C:28): on 3 BC [1012]; on 5 Ont [1341]. Often fruiting on wounds on live trees. See *Abies*.

Chytridium confervae: on 3 BC [44].

Chytriomyces poculatus: from decaying stems of 3 BC [44]. Typically saprophytic in soil.

Ciboria acerina: on 5 Ont [662].

C. alni (C:25): on seeds of 5 Ont [663].

C. amentacea (C:25): on 5 Man [F67], Ont [662]. This fungus sensu Groves & Elliott [662] is apparently an unnamed species [1590, p. 153].

C. caucus (C. amentacea sensu Fr.*)*: on 5 Ont [662, 1590], Que [662]. Confirmation in [1590] of many identifications on *Alnus*, *Populus* and *Salix* cited in [662].

Clavariadelphus fistulosus var. *contortus (Pistillaria alnicola)*: on roots of 5 Que [1385].

Coniochaeta ligniaria (Rosellinia l.) (C:28): on 1b BC [1012].

Coniophora olivacea (C:26): brown cubical rot, carie brune cubique: on 3 BC [1012]. Typically on rotted logs, sometimes rotting live *Picea* [577].

C. puteana (C:26): brown cubical rot, carie brune cubique: on 3 BC [1012]. Probably saprophytic on logs but in other tree genera it causes a heart rot of live trees.

Coriolus hirsutus (Polyporus h.) (C:28): on 3 BC [1012, 1341]; on 4b BC [1012]; on 5 Ont [1341]. See *Abies*.

C. pubescens (Polyporus p., P. velutinus) (C:28): on 4 Ont [1341]; on 4a NB [1032]; on 5 NWT-Alta [1063], BC [1012], Alta [53], NB, NS [1032]. See *Abies*.

C. versicolor (Polyporus v.) (C:28): on 3 BC [1012]; on 4 Nfld [1659, 1660, 1661]; on 5 NB, NS, PEI [1032]. See *Abies*.

Corticium sp.: on 5 NWT-Alta [1063], Mack [53], NS [1032].

Crepidotus mollis (C. fulvotomentosus, C. haerens) (C:26): on 3 BC [1012].

Cristella sp.: on 4 Ont [1828]. This may be a *Trechispora*.

Cryptocoryneum condensatum: on 5 BC [1012].

Cryptodiaporthe oxystoma (Valsa o.) (C:26, 29): on 5 NWT-Alta [1063], Mack [53, F61], Ont [1340].

C. salicella (anamorph *Diplodina microsperma*): on 5 BC [1012].

Cryptospora sp.: on 5 Ont [1340]. *Cryptospora* is a synonym of *Ophiovalsa* and this record may be of a *Ophiovalsa*.

C. alnicola (C:26): on 4, 5 Ont [1340]; on 5 NS [1032]. See above.

C. aurantiaca (C:26): on 5 Man [F66], Ont [1340], NB, NS [1032]. See above.

Cryptosporella paucispora (C:26): on 5 Ont [1340, 1440, F60, F65].

Cryptosporium neesii (C:26): on 3 BC [1012].

Cylindrobasidium evolvens (Corticium laeve) (C:26): on 3 BC [1012]; on 5 NS [1032]. Typically on dead branches and stems. See *Abies*.

Cylindrocarpon willkommii: on 3 BC [1012].

Cylindrosporium alni (C:26): on 3 BC [1012].

Cyphellopsis anomala (Solenia a.) (C:28): on 1a NS [1032]; on 1b, 3 BC [1012]; on 5 BC [1424]. Presumably saprophytic. Associated with a white rot.

Cytidia salicina: on 5 Ont [1341], Nfld [1659, 1660, 1661]. Lignicolous, typically on dead *Salix*.

Cytospora sp. (C:26): on 4 Ont [1827], Nfld [1660, 1661]; on 5 Nfld [1659].

C. occulta: on 5 Man [F65].

C. truncata: on 4 Ont [1340].

Cytosporina sp.: on 1b Yukon [460].

Dacrymyces capitatus (D. deliquescens var. *ellisii)*: on 5 BC [1012]. Causes a brown rot.

D. palmatus: on 5 Nfld [1659, 1660]. See *Abies*.

Daedaleopsis confragosa (Daedalea c.) (C:26): on 3 BC [1012]; on 4a NB, NS [1032]; on 5 Ont [1341], NS [1032]. See *Acer*.

Daldinia concentrica (C:26): on 4, 5 Ont [1340]; on 5 NS [1032].

D. vernicosa (C:26): on 5 Ont [1340].

Dasyscyphus sp.: on 1 Nfld [1659, 1660].

Datronia mollis (Trametes m.): on 5 NS [1032]. See *Acer*.

D. scutellatus (Fomes s.) (C:26): on 1a, 4a NS [1032]; on 4, 5 Ont [1341]; on 4a, 5 PEI [1032]; on 5 BC [1012]. Typically on dead trees. Associated with a white rot.

Dendryphiopsis atra (holomorph *Microthelia incrustans*): on 4a Sask [1760]; on 5 Man, Sask [1760].

Dermea sp.: on 5 Ont [1340].

Diaporthe sp.: on 5 Man [F65], Que [F62].

Diatrype disciformis (C:26): on 5 Man, Sask [F65].

D. stigma (C:26): on 4a, 5 NS [1032].

Diatrypella sp.: on 5 Ont [1340].

D. betulina: on 4, 5 Ont [1340].

D. discoidea var. *alni* (C:26): on 4, 5 Ont [1340].

D. tocciaeana (C:24): on 4 Ont [1340]; on 5 NS [1032].

D. verrucaeformis: on 5 Ont [1340].

Didymosphaeria oregonensis (C:26): canker, chancre didymosphérien: on 1b, 3, 4b BC [1012]; on 5 NWT-Alta [1063], BC [2010] and Alta [F65].

Diplococcium lawrencei: on 5 Man [1760].

Eichleriella leveilliana (C:26): on 2 NS [1032]. Lignicolous, presumably saprophytic.

Endophragmiella angustispora: on 5 in association with *Chaetosphaeria* sp. BC [800].

E. collapsa (Endophragmia c.): on 5 Man [803, 1760].

E. pallescens: on 5 Ont [799].

Erysiphe aggregata (C:26): powdery mildew, blanc: on 1, 4 Ont, Que, NS [1257]; on 3 BC [1012, 1257]; on 4 NB, NS, PEI [F65] also NB [1257]; on 4a NB [1032]; on 5 BC [1257], Ont [1257, 1340, F66], NB, NS [F63] also NB, NS, PEI [1032, F64].

Eutypa flavovirescens (C:26): on 3 BC [1012].

E. milliaria: on 5 NS [1032].

Eutypella sp.: on 5 Ont [1340].

E. alnifraga (C:26): on 1b BC [1012]; on 5 NS [1032].

E. cerviculata (C:26): on 4 Ont and on 5 Sask, Man, Ont [1340].

E. stellulata (C:26): dieback, dépérissement eutypelléne: on 3 BC [1012].

Exidia candida: on 3 BC [1012]. Lignicolous, apparently saprophytic.

E. crenata: on 1b BC [1012]. Lignicolous, apparently saprophytic.

E. glandulosa (C:26): on 1a NS [1032]; on 1b, 4 Yukon [460]; on 4, 4a NB [1032], Nfld [1659, 1660]; on 5 BC [1012], NS, PEI [1032]. Lignicolous, apparently saprophytic.

E. glandulosa f. *populi*: on 5 NWT-Alta [1063], Mack [53].

E. spiculosa: on 5 Ont [1341]. Lignicolous, apparently saprophytic.

Exidiopsis grisea: on 3 BC [1012]. Lignicolous, apparently saprophytic.

E. macrospora: on 4a NS [1032]. Lignicolous, apparently saprophytic.

Favolus alveolaris: on 5 NWT-Alta [1063], Mack [53, F65]. See *Acer*.

Femsjonia peziziformis: on 5 Ont [1341]. Lignicolous, presumably saprophytic.

Fenestella fenestrata (F. princeps) (C:26): on 5 Ont [1340].

F. minor (C:26): on 5 NS [1032].

Fibricium rude (F. greschikii): on 3 BC [1012]. See *Abies*.

Flagelloscypha citrispora: on 5 BC [1424]. Lignicolous, apparently saprophytic.
Flagellospora sp.: on 3 BC [43].
Fomes fomentarius (C:26): on 5 BC [1012], Ont [1341]. Typically on dead trunks. See *Acer*.
Fomitopsis pinicola (Fomes p.) (C:26): on 3 BC [1012]. See *Abies*.
Galzinia incrustans: on 5 BC [1012]. Lignicolous, apparently saprophytic.
Ganoderma applanatum (C:26): white mottled rot, carie blanche madrée: on 3 BC [1012]; on 5 Sask [F67].
Gibberidea alnea (C:26): on 5 NS [1032].
Gloeocystidiellum leucoxanthum (Corticium l.) (C:26): on 1b Yukon [460]; on 4a NB [1032]; on 5 Nfld [1659, 1660, 1661]. Lignicolous, apparently saprophytic.
G. ochraceum (Corticium o.): on 5 NWT-Alta [1063], Mack [53]. Lignicolous, apparently saprophytic.
G. porosum (Corticium p.) (C:26): on 3 BC [1012]; on 5 NS [1032]. Lignicolous, apparently saprophytic.
Gloeophyllum sepiarium (Lenzites s.) (C:27): on 3 BC [1012]; on 5 NWT-Alta [1063]. See *Abies*.
Gloeoporus dichrous (Polyporus d.) (C:28): on 5 BC [638, 1012, 1341]. See *Acer*.
G. pannocinctus (Poria p.) (C:28): on 3 BC [1012]. Causes a white rot of wood.
Gloeosporium sp.: on 5 NB [1032].
Glyphium corrugatum: on 1b BC [589].
Gnomonia gnomon: on 5 Ont [1340].
G. setacea (C:26): on 1b Yukon [79, 460, F60], BC [1012]; on 2 Ont [79].
Gnomoniella sp.: on 5 NS [1032].
Godronia sp.: on 4 Ont [1828].
G. cassandrae (anamorph *Fusicoccum putrefaciens*): on 4a Que [1678].
G. cassandrae f. *betulicola*: on 4 Que [F68]; on 4a Que [1684]. Originally described from two European specimens.
G. fuliginosa: on 4a Que [1684] by inoculation.
Gonytrichum caesium (holomorph *Chaetosphaeria inaequalis*) (C:27): on 5 BC [1012].
Guepiniopsis alpina: on 3 BC [1012]. Lignicolous, apparently saprophytic.
Haematostereum gausapatum: on 5 BC [1012]. Associated with a white rot.
H. rugosum (Stereum r.) (C:28): on 5 BC [1012], NS [1032], Nfld [1659, 1660, 1661]. See *Abies*.
Hapalopilus nidulans (Polyporus n.): on 5 Mack [1110]. See *Abies*.
Haploporus odorus (Trametes o.): on 5 NWT-Alta [1063], Mack [579]. Associated with a white rot. Typically on *Salix*.
Helminthosporium velutinum (C:27): on 3, 5 BC [810]; on 3 BC [1012].
Hendersoniopsis thelebola (holomorph *Melanconis t.*): on 5 twigs and branches Ont [1763].
Heterobasidion annosum (Fomes a.) (C:26): on 3 BC [1012, F61]. Causes a root rot of live trees, typically on coniferous species. See *Abies*.
Hohenbuehelia atrocaerulea (Pleurotus a.): on 1b Yukon [460].
H. petaloides (Pleurotus spathulatus) (C:28): on 3 BC [1012].
Hygrophoropsis aurantiaca (Clitocybe a.): on 3 BC [1012]. Associated with a brown rot of well rotted wood, probably mycorrhizal.
Hymenochaete agglutinans (C:27): on 2 NS [1032]. Associated with a white rot. Apparently sterile mycelium of *H. corrugata* occurring where a live branch or stem rests against a dead one.
H. cinnamomea (C:27): on 5 BC [1012]. Associated with a white rot.
H. corrugata (C:27): on 4, 5 Ont [1341]; on 4a, 5 NS [1032]. See *Abies*.
H. tabacina (C:27): on 3 BC [1012]; on 4 Labr [867]; on 4a NB [1032]; on 4a, 5 Nfld [1659, 1660, 1661]; on 5 Ont [1341], Que [282], PEI [1032]. See *Abies*.
Hyphoderma praetermissum (H. tenue): on 3 BC [1012]. Lignicolous, typically on logs.
H. puberum: on 3 BC [1012]. Typically on logs. See *Abies*.
H. setigerum (Peniophora aspera) (C:27): on 3 BC [1012]; on 5 NS, PEI [1032]. Typically on logs. See *Abies*.
Hyphodontia crustosa (Odontia c.) (C:27): on 3 BC [1012, 1341]; on 5 NS [1032]. Typically on dead branches. See *Abies*.
H. quercina (Radulum q.) (C:28): on 3 BC [1012]; on 5 NWT-Alta [1063], Mack [53]. Lignicolous, on dead wood.
Hypocrea gelatinosa: on 5 NS [1032].
H. rufa (C:27): on 5 NB, NS [1032].
Hypoxylon sp.: on 5 NWT-Alta [1063], Mack [53], BC [1340], NS [1032].
H. coccineum: on 5 Sask [F65].
H. fuscum (C:27): on 1b BC [1012]; on 4 Ont [1340], Nfld [1661]; on 5 NWT-Alta [1063], Alta [53], Man [F66], Ont [1340], Que [282, 1385], NB, NS, PEI [1032], Nfld [1659, 1660].
H. mammatum (C:27): on 1b BC [1012]; on 4, 5 Ont [1340], Nfld [1661]; on 5 NWT-Alta [1063], Alta [F62], Sask, Man [F66], NS [1032], Nfld [1659, 1660].
H. multiforme (C:27): on 1 Que [282]; on 3 BC [1012]; on 4a NB [1032]; on 5 BC [1340].
H. rubiginosum (C:27): on 3 BC [1012]; on 5 NWT-Alta [1063], Mack [53].
Inonotus radiatus (Polyporus r.) (C:28): on 4 Ont [1341]; on 4a, 5 NB [1032]; on 5 NS [1032]. See *Abies*.
Irpex lacteus (Polyporus tulipiferae) (C:28): on 3 BC [1012]; on 4a NB [1032]; on 5 Ont [1341]. See *Acer*.
Junghuhnia nitida (Poria attenuata, P. eupora): on 5 NS [1032]. See *Acer*.
J. subfimbriata (Poria radula sensu *Bres.)*: on 3 BC [579, 1012]. Associated with a white rot.
Kuehneromyces mutabilis (C:27): on 3 BC [1012]. Associated with a white rot.

Laeticorticium lundellii: on 5 Mack [53]. Lignicolous.

L. roseum (Aleurodiscus r.): on 5 NWT-Alta [1063]. See *Acer*.

L. violaceum (Dendrocorticium v.): on 5 NS [930]. Lignicolous.

Leucostoma persoonii (Valsa leucostoma) (anamorph *Cytospora rubescens*): on 5 NWT-Alta [1063].

Libertella sp.: on 5 Sask, Man [F67].

Lindtneria leucobryophila (Trechispora l.): on 5 BC [970].

Macrotyphula fistulosa: on 3 BC [1012].

Marasmius androsaceus: on 5 PEI [1032].

Melampsoridium hiratsukanum (C:27): rust, rouille: on 1 Alta [F63].

Melanconis sp.: on 5 Ont [1340].

M. alni (anamorph *Melanconium apiocarpon, M. sphaeroideum*) (C:27): on 4, 5 Sask, Man [F65, F69].

M. alni var. *marginalis* (C:27): on 1 Que [70]; on 4 Ont [1340]; on 4b Alta [950]; on 5 Mack [53, F66], Ont [1340, F68], NS [1032].

M. thelebola (anamorph *Hendersoniopsis t.*) (C:27): on 4, 5 Ont [1340]; on 5 Man [F66], NS [1032].

Melanconium sp. (C:27): on 5 Ont [1340].

M. apiocarpon (holomorph *Melanconis alni*) (C:27): on 4, 5 Ont [1340]; on 4a Man [1768].

M. sphaeroideum (holomorph *Melanconis alni*) (C:27): on 3 BC [1012].

Melanomma pulvis-pyrius (C:27): on 3 BC [1012]; on 5 Ont [1340].

Menispora ciliata: on 5 BC [826].

M. glauca: on 5 BC [826].

Merismodes fasciculatus (Cyphella f.) (C:26): on 1a, 5 NS [1032]; on 4 Ont [1341]; on 5 Yukon [460], BC [1012], Sask [F66], Ont [1341, F60], Que [282]. Lignicolous, on dead wood.

Meruliopsis ambiguus: on 3 BC [568]. On dead wood, associated with a white rot.

M. corium: on 3 BC [1012]. See *Acer*.

Merulius tremellosus: on dead 5 Ont [568]. See *Abies*.

Microsphaera penicillata (C:27): powdery mildew, blanc: on 4 Ont [1257]; on 5 Sask, Man [F67], NS [1032].

Mitrula borealis: on dead foliage of 4 Ont [1428].

M. lunulatospora: on dead foliage of 4 Ont [1428].

Mollisia cinerea (C:27): on 5 NS [1032].

Mycena algeriensis: on trunks of 5 Ont [1385].

M. leaiana: on dead branches of 5 Que [1385].

M. roseipallens: on debris of 5 Ont [1385].

M. viridimarginata: on dead branches or stumps of 5 Que [1385].

Mycoacia aurea: on 3 BC [1012]. Lignicolous.

M. uda: on 5 BC [1012]. Lignicolous.

Mycocalia denudata: on partly rotted wood of 5 BC [190].

Mycoleptodon dichroum (C:27): on 3 BC [1012]. Lignicolous.

Mycorhynchus sp.: on 3 BC [1012].

Mycosphaerella sp.: on 1b Yukon [460, F60].

M. alnicola: on 5 NB [1032].

M. punctiformis (C:27): on 1b BC [1012, F60]; on 4b BC [1012].

Myxofusicoccum alni: on 5 Man [F65].

Myxosporium sp.: on 5 Ont [1340].

Naemospora alni (C:27): on 4 Ont [1340].

Nectria sp.: on 5 BC [F60].

N. cinnabarina (anamorph *Tubercularia vulgaris*) (C:27): on 5 NWT-Alta [1063], Mack [53], Que [282].

N. coccinea: on 1 Nfld [1659, 1660, 1661].

N. episphaeria (C:27): on 3 BC [1012]. Probably on pyrenomycetous fungi on *Alnus*.

N. galligena: on 5 Ont [1340].

N. pithoides (C:27): on 3 BC [1012].

Nipterella parksii (Belonidium p.) (C:25): on 3 BC [1012].

Ophiovalsa femoralis (Cryptospora f.) (C:26): on 4, 5 Ont [1340]; on 5 Sask [1340, F66], NB, NS [1032].

O. suffusa (Cryptospora s.) (C:26): on 5 Sask, Man [F65], Ont [1340].

Panellus rigens (Panus salicinus) (C:27): on 1b BC [1012].

P. serotinus (Pleurotus s.) (C:28): on 3 BC [1012, F66]. See *Acer*.

P. stipticus (Panus s.): on 3 BC [1012]; on 4a, 5 NB, NS [1032]; on 5 PEI [1032], Nfld [1659, 1660, 1661]. Associated with a white rot.

Panus conchatus (P. torulosus): on 3 BC [1012]. Lignicolous.

P. rudis (C:27): on 5 Ont [1341]. See *Acer*.

Passalora alni: on 1a Que [379].

P. bacilligera (C:27): leaf spot, tavelure: on 1b BC [1012]; on 5 Que [F61].

Paxillus sp.: on 3 BC [1012].

Pellidiscus pallidus: on 5 BC [1424].

Peniophora sp.: on 1, 4 Nfld [1659, 1660, 1661]. Lignicolous.

P. aurantiaca (C:27): on 1, 4b, 5 NWT-Alta [1063]; on 1b, 3 BC [1012]; on 4, 5 Nfld [1659, 1660, 1661]; on 4a NB [1032], Nfld [1661]; on 5 Yukon [460] as a sight record, Mack [1110], Alta [53, 950], NS, PEI [1032]. Lignicolous, on dead wood.

P. cinerea (C:27): on 5 BC [1012]. See *Abies*.

P. erikssonii (C:27): on 4 Yukon [460]; on 5 NWT-Alta [1063], Ont [1341]. On dead wood.

P. erumpens: on 4a NB [1032]. Lignicolous.

P. incarnata (C:27): on 3 BC [1012]. Lignicolous.

P. pithya: on 5 NB [1032]. See *Abies*.

P. polygonia: on 5 Mack [1110]. Associated with a white rot.

Pezicula alni (C:28): on 1a, 5 NS [1032]; on 3 BC [1012]; on 4, 5 Ont [1340]; on 4a Ont [F60].

P. alnicola (C:28): on 5 Ont [1340].

P. aurantiaca: on 1, 5 Ont [1340]; on 5 Ont [F63].

Phaeocalicium compressulum: on 5 BC, Ont [1812].

Phaeoisaria sparsa: on 5 Man [1760].

Phaeomarasmius erinaceus: on 5 Ont [1434].

P. rhombosporus: on fallen leaves of 4 Que [1041]; on 5 Ont [1041].

Phanerochaete laevis (Peniophora affinis) (C:27): on 5 NS [1032]. See *Acer*.

P. sordida (Peniophora cremea) (C:27): on 3 BC [1012]; on 5 NS [1032]. See *Abies*.

Phellinus ferreus (Poria f.) (C:28): on 3 BC [1012, 1341]; on 5 NWT-Alta [1063], Mack [1110], Ont [1341], Que [282], NB, NS, PEI [1032], Nfld [1659, 1660, 1661]. See *Acer*.

P. ferruginosus (Poria f.) (C:28): on 5 NWT-Alta [1063], Mack [53, 1110], BC [953]. See *Abies*.

P. igniarius (Fomes i.) (C:26): white trunk rot, carie blanche du tronc: on 3 BC [1012]; on 4b Yukon [F62, 460]; on 5 NWT-Alta [1063], NS [1032].

P. laevigatus (Poria l.) (C:28): on 1 Que [282]; on 3 BC [1012]. See *Acer*.

P. punctatus (Poria p.) (C:28): on 5 NS [1032]. See *Abies*.

Phibalis furfuracea (Cenangium f., Encoelia f.) (C:26): on 3 BC [1012]; on 4b Mack [664]; on 5 NWT-Alta [1063] and Alta [F62], Sask, Man [F67], Ont [1340, 1827], Que [867, 1385 on live branches], Labr [867].

Phlebia radiata (C:28): on 2 NB [1032]; on 3 BC [568, 1012]; on 4a NB, NS [1032]; on 5 BC [568], Ont [1341]. On logs and dead branches. See *Abies*.

P. rufa: on 5 BC [568]. On logs and dead branches. See *Abies*.

Pholiota aurivella: on 3 BC [1012]. See *Abies*.

P. destruens: on 5 Yukon [460], BC [1012]. Lignicolous.

P. tuberculosa: on 5 BC [1012]. This species not recognized in North America in Smith & Hesler's generic monograph.

Phomopsis sp.: on 5 Ont [1340].

Phragmoporthe conformis: on 5 BC [79].

Phragmotrichum rivoclarinum (P. karstenii): on 5 Man [F65].

Phyllactinia guttata (P. corylea) (C:28): powdery mildew, blanc: on 1 Yukon, Ont, Que, NS [1257]; on 1b Yukon [460]; on 2 Sask, Ont, Que, NS [1257]; on 3 BC [1012, 1257]; on 4 Yukon [460], Ont, NB, NS [1257]; on 4b Yukon [F62], NWT-Alta [1063], Mack [53]; on 5 NWT-Alta [1063], Mack [53, F65], Sask, Man [F66, F68], Ont [1340, F63], NB, NS [1032], Nfld [1659, 1660, 1661], also Man [F67].

Phyllosticta sp.: on 5 Que [F61].

P. alnea (C:28): on 5 Que [F62].

Pirex concentricus (Irpex owensii): on 3 BC [1012]. Lignicolous.

Plagiostoma alneum var. *alneum*: on 5 BC [79].

Platychora alni: on 1b Yukon [460]; on 4a Que [F67].

Pleospora sp.: on 5 Ont [1340].

Pleurothecium sp.: on 3 BC [587].

Pleurotus ostreatus (C:28): on 3 BC [1012]. See *Abies*.

Plicatura crispa (P. faginea, Trogia c.) (C:29): on 3 BC [1012]; on 4a NB [1032]; on 4b Yukon [460] as a sight record; on 5 NWT-Alta [1063], Alta [53], Ont [1341], NB, NS [1032], Nfld [1659, 1660]. On dead branches and stems.

P. nivea (Merulius n., Trogia alni) (C:27, 29): on 1b BC [1341]; on 2 Ont, Que, NS [563, 568] also NS [1032]; on 3 BC [563, 568, 1012]; on 4 Ont [563, 568, 1341]; on 4a Que, NS [563, 568], NB [563, 1032]; on 5 NWT-Alta [1063], Ont [1341], Que [1385], NS [1032] also BC, Alta, Ont [563, 568]. On dead stems and branches. See *Acer*.

Podosphaera clandestina: powdery mildew, blanc: on 5 Man [F68]. Possibly the host was misdetermined, typically on *Amelanchier*.

Polyporus badius (P. picipes) (C:28): on 1 NWT-Alta [1063]; on 3 BC [1012, 1341]; on 5 Ont [1341]. Typically on fallen branches. See *Abies*.

P. brumalis (C:28): on 4a, 5 NB [1032]. Typically on fallen branches.

P. varius (P. elegans) (C:28): on 1b BC [1012, 1341]; on 3 BC [1012]; on 4b NWT-Alta [1063]; on 5 Mack [1110], Ont [1341], Labr [867]. Typically on fallen branches. See *Abies*.

Poria sp.: on 5 PEI [1032], Nfld [1659, 1660, 1661]. Lignicolous.

P. ohiensis (Fomes o.): on 4 Ont [1828]. Associated with a white rot.

P. subacida (C:28): on 3 BC [1012]. See *Abies*.

Psathyrella griseifolia: on fallen twigs of 5 Que [1385].

Pseudospiropes nodosus (Helminthosporium n.): on 5 BC [816, 1012].

P. simplex: on 4a, 5 Sask, Man [817, 1760]; on 5 BC [817].

Punctularia strigosozonata (Phlebia s.): on 4 Ont [1341]. Apparently saprophytic. Associated with a white rot.

Pycnoporus cinnabarinus (Polyporus c.) (C:28): on 4b BC [1012, 1181]; on 5 NWT-Alta [1063]. See *Acer*.

Schizophyllum commune: on 4a NB [1032], Nfld [1659, 1660, 1661]; on 5 NWT-Alta [1063], Mack [53], PEI [1032]. On dead branches and stems. See *Abies*.

Schizopora paradoxa (Poria versipora) (C:28): on 3 BC [1012]; on 5 NWT-Alta [1063]. See *Abies*.

Scorias spongiosa (C:28): on 5 Ont [1340], NB, NS [1032] See comment under *Abies*.

Scytinostroma galactinum: on 3 BC [1012]. See *Abies*.

Septoria alni (C:28): leaf spot, tache septorienne: on 1b BC [1012]; on 4a, 5 NB [1032].

S. alnicola: on 5 Man [F66].

S. alnifolia (C:28): on 5 BC [1012], Alta [F66], Sask [F65].

S. carolinensis: on 5 Man [F65].

Septotrullula bacilligera: on 5 Man [1760].

Sistotrema brinkmannii: on 3 BC [1012]. See *Abies*.

Spadicoides atra: on 5 Sask, Man [1760].

S. bina: on 5 BC [790], Sask [1760].

S. klotzschii: on 5 BC [766, 794].

Sphaerobolus stellatus (C:28): on 5 BC [1012]. On dead wood.

Sporidesmium foliculatum: on 5 BC [825].

S. hormiscioides: on 5 BC [823].

Steccherinum fimbriatum (Odontia f.): on 5 NB [1032]. Typically on rotted wood. See *Acer*.

S. ochraceum (C:28): on 3 BC [1012]; on 5 NS [1032]. Typically on rotted wood. See *Acer*.

Stemonitis fusca: slime mold: on 5 NWT-Alta [1063]. Probably on rotted wood.

Stenocybe pullatula: on 5 BC, Ont [1812].

Stereum complicatum (C:28): on 3 BC [1012]. Lignicolous.

S. hirsutum (C:28): on 3 BC [1012]; on 4a NS [1032]; on 5 NS, PEI [1032]. See *Abies*.

S. ochraceo-flavum: on 5 Nfld [1659, 1660, 1661]. Lignicolous.

S. ostrea (C:28): on 3 BC [1012]. See *Abies*.

Strickeria obducens (C:28): on 1 Que [70].

Stromatocyphella conglobata (Cyphella c.) (C:26): on 5 BC [1012], NB [1032]. Lignicolous.

Taeniolella alta (C:28): on 5 Ont, Que [814].

Taphrina sp.: on 1b BC [1012]; on 5 NS [1032].

T. amentorum (C:28): on 5 Sask, Man [F67, F68], also Man [F66].

T. japonica (C:28): on 3 BC [1012].

T. occidentalis (C:28): leaf blister, cloque des feuilles: on 3 BC [1012]; on 4 Yukon [460]; on 4b NWT-Alta [1063], BC [1012]; on 5 Que [F73].

T. robinsoniana (C:28): catkin blister, cloque des chatons: on 1 Ont, Que, NB, NS [1257]; on 2 NS [1925]; on 4 Ont [1340], NB, NS, PEI [F65], Nfld [1340, F65]; on 4 NB [1257]; on 4, 4a, 5 Nfld [1659, 1660, 1661]; on 4a Ont [F60], NB, NS, PEI [1032, F66, F67], Nfld [F66]; on 5 Ont [1340, F63], Que [282], NB, NS [1032, F63], PEI [1032], Nfld [F64], also NS [F64].

T. tosquinetii (C:29): leaf blister, cloque des feuilles: on 1a NS [F66].

Tectella patellaris (Panellus p.): on 5 Yukon [1108].

Tomentella coerulea (T. papillata): on 5 BC [929, 1012, 1341]. On rotted wood.

T. ellisii (T. ochracea, T. microspora): on 5 Ont [929, 1341, 1828]. Lignicolous, on rotted wood.

T. sublilacina: on 5 Ont [1341, 1827]. Lignicolous, on rotted wood.

T. ramosissima (T. fuliginea): on 5 BC [1341]. Lignicolous, on rotted wood.

Trechispora mollusca (Poria candidissima, T. onusta): on 3 BC [1012]; on 5 NS [1032]. On rotted wood. See *Abies*.

Tremella aurantia (C:29): on 3 BC [1012]. Lignicolous, apparently saprophytic.

T. mesenterica (C:29): on 1b BC [1012]; on 3 BC [42, 1012], Labr [867]. Lignicolous, apparently saprophytic.

Trichaptum biformis (Polyporus pargamenus): on 5 NB [1032]. See *Acer*.

Trichoderma viride: on 5 Man [1760]. See *Abies*.

Tubercularia vulgaris (holomorph *Nectria cinnabarina*) (C:29): on 3 BC [1012].

Tubulicrinis glebulosus (Peniophora gracillima) (C:27): on 5 NS [1032]. Lignicolous, apparently saprophytic. See *Abies*.

Tulasnella violea (C:29): on 5 NS [1032]. Lignicolous, apparently saprophytic.

Tympanis alnea (anamorph *Sirodothis inversa*) (C:29): on 1b Yukon [460]; on 3 BC [1012, F61]; on 4 Ont [1340]; on 4b, 5 NWT-Alta [1063]; on 5 BC, Alta, Ont, Que, NB, Nfld [1221] and Alta [53, 644, F62], Sask, Man [F65, F67, F69], Ont [1340, F60], NS [1032, 1925].

T. alnea var. *hysterioides (T. hysterioides)* (C:29): on 1b BC [1012]; on 5 BC, Ont, Que, NS, Nfld [1221], also NS [1925].

T. pseudoalnea: on 4, 5 Que [1221].

T. truncatula: on 5 NB [1221].

Typhula erythropus: on 3 BC [901].

Tyromyces chioneus (Polyporus albellus) (C:28): on 3 BC [1012]; on 5 NS [1032], Nfld [1659, 1660, 1661]. Typically on dead branches and logs. See *Abies*.

T. tephroleucus (Polyporus t.) (C:28): on 3 BC [1012]. Causes a white rot of wood.

Valsa sp.: on 3 BC [193, 1012]; on 5 Ont [1340].

V. diatrypoides (C:29): on 4 Ont [1340]; on 5 Ont [F62].

V. stenospora (C:29): on 5 NS [1032].

V. truncata (C:29): on 4, 5 Ont [1340]; on 5 NS [1032].

Valsaria moroides (C:29): on 4, 5 Ont [1340]; on 5 BC [1012], NS [1032].

Valsella furva: on 5 Man [F66].

Vararia effuscata (C:29): on 5 PEI [1032]. See *Acer*.

V. investiens: on 5 Ont [1341]. See *Abies*.

Varicosporium elodeae: on 3 BC [43].

Venturia alnea: on living and overwintered leaves of 5 Que [73].

Volucrispora aurantiaca: on 3 BC [43].

Xenasma rimicola: on 5 Ont [967]. Lignicolous, apparently saprophytic.

Xylaria sp. (C:29): on 3 BC [1012].
Zalerion maritimum: on a submerged leaf of 5 BC [249].

ALOPERCURUS L. GRAMINEAE

1. *A. aequalis* Sobol., short-awned foxtail, vulpin à courtes arêtes; native, Yukon, Mack, Alta-Nfld. 1a. *A. a.* var. *aequalis (A. geniculatus* var. *aristulatus* (Michx.) Torr.*)*.
2. *A. alpinus* Sm., alpine foxtail, alopécure des Alpes; native, Yukon-Frank, mtns. of BC, Cypress hills in Sask, n. Man and Ont, Labr.
3. *A. pratensis* L. (*A. arundinaceus* Poir.), meadow foxtail, vulpin des prés; imported from Eurasia, natzd., BC, Alta, Man-Nfld. 3a. *A. p.* ssp. *pratensis (A. seravchanicus)*.

Acremonium boreale: on 3 BC, Alta, Sask [1707].
Drechslera catenaria (C:29): on 3 Ont [1611].
Hysteropezizella diminuens: on 2 Frank [664].
Mastigosporium album (C:29): on 3 Nfld [335, 336].
Puccinia graminis (C:29): rust, rouille: II III on 1a, 3, 3a Ont [1236].
P. recondita s. l. (C:29): rust, rouille: II III on 3 Ont [1236].
Sclerotinia borealis (C:29): on 3 BC [1816].

ALTHAEA L. MALVACEAE

1. *A. armeniaca* Ten.; imported from Mediterranean region & se. USSR.

See also *ALCEA*.

Puccinia malvacearum (C:30): rust, rouille: on 1 Ont [1236, 1281].

ALYSSUM CRUCIFERAE

See *AURINIA*

AMARANTHUS L. AMARANTHACEAE

1. *A. graecizans* L., matweed, amarante parente; native, BC-Man and natzd., Ont, Que. Precise native area difficult to delimit.
2. *A. retroflexus* L., green amaranth, amarante réfléchie; imported from tropical America, natzd., Mack, BC-PEI.

Albugo bliti (C:30): white rust, albugine: on 2 BC [1816].
Peronospora amaranthi: downy mildew, mildiou: on *A.* sp. BC [1816].
Polymyxa betae f. sp. *amaranthi*: on 2 Ont [60].
Pythium sp.: on 1 BC [1977].
P. intermedium: on 1 Ont [868].
P. irregulare: on 1 Ont [868].
P. undulatum: on 2 Ont [868].
Rhizoctonia solani (holomorph *Thanatephorus cucumeris*): on 2 Que [317].
Rhizophydium graminis: on 2 Ont [59].
Thielaviopsis basicola: on 2 Ont [546].
Verticillium dahliae: wilt, flétrissure verticillienne: on 1 BC [1087, 1816, 1978]; on 2 BC [38, 1816].

AMARYLLIS L. AMARYLLIDACEAE

Bulbous plants native to tropical America and S. Africa; cult. under glass, ornamental.

Stagonospora curtisii (C:30): leaf scorch, grillure: on *A.* sp. Ont [334].

AMBROSIA L. COMPOSITAE

1. *A. artemisiifolia* L., common ragweed, petite herbe à poux; native, Mack, BC-Nfld. Native area uncertain due to weedy habit.
2. *A. trifida* L., giant ragweed, grande herbe à poux; native, BC-PEI. Native area uncertain due to weedy habit.

Albugo tragopogonis (C:30): on 1 Que [714].
Erysiphe cichoracearum (C:31): powdery mildew, blanc: on 1 Ont, Que and on 2 Man, Ont [1257].
Ophiobolus anguillidus: on 1, 2, *A.* sp. Ont [1620]; on 1 Ont [1340].
O. drechsleri: on 2 Ont [1620].
O. fulgidus: on 2 Ont [1620].
Puccinia xanthii (C:31): on 2 Man [1245, 1261], Ont [1236, 1261].
Verticillium dahliae: wilt, flétrissure verticillienne: on 1 Ont [1079]; on 1, 2 Ont [1087].
V. nigrescens: on 1 Ont [1087].

AMELANCHIER Medic. ROSACEAE

1. *A. alnifolia* Nutt., saskatoon berry, amélanchier à feuilles d'aulne; native, Yukon, Mack, BC-w. Que. 1a. *A. a.* var. *cusickii* (Fern.) Hitchc. (*A. cusickii* Fern.); native, s. BC. 1b. *A. a.* var. *semiintegrifolia* (Hook.) Hitchc. (*A. florida* Lindl.); pacific serviceberry, amélanchier de l'Ouest; native, BC.
2. *A. bartramiana* (Tausch) Roemer, mountain juneberry, amélanchier boréal; native, Ont-Labr.
3. *A. canadensis* (L.) Medic. (*A. oblongifolia* (T. & G.) Roemer), canadian serviceberry, shad bush, amélanchier du Canada; native, c. Ont-PEI.
4. *A. gaspensis* (Wieg.) Fern. & Weath; native, Ont-n. NB.
5. *A. huronensis* Wieg.; native, Ont-Que.
6. *A. intermedia* Spach., purple serviceberry, amélanchier pourpre; native, Ont-Nfld.

7. *A. laevis* Wieg., Allegheny serviceberry, amélanchier glabre; native, Ont-Nfld.
8. *A. ovalis* Medic. (*A. vulgaris* Moench), garden serviceberry, amélanchier commun; imported from Europe.
9. *A. sanguinea* (Pursh) DC., round-leaved serviceberry, amélanchier sanguin; native, Ont-Nfld.
10. *A. spicata* (Lam.) K. Koch (*A. humilis* Wieg.), low shad bush, amélanchier bas; native, Ont-Que.
11. *A. stolonifera* Wieg., running serviceberry, amélanchier stolonifère; native, Ont-Nfld.
12. *A. wiegandii* Nielsen, Wiegand's serviceberry, amélanchier de Wiegand; native, Ont-Nfld.
13. Host species not named, i.e., reported as *Amelanchier* sp.

Aleurodiscus cerussatus (C:31): on 1 BC [1012]; on 13 BC [964].

Apiosporina collinsii (C:31): black leafcurl, enroulure noire: on 1, 13 NWT-Alta [1063]; on 1 BC, Alta, Sask, Man, Ont [292] also BC [1012], Alta [53, 644, 880, F69], Man [F70]; on 1b BC [1816]; on 3 Ont, NB [292]; on 3, 13 NB, NS [1032]; on 6 NS [1032]; on 13 Alta [F62, F71, F72, F73], Sask, Man [F63, F64, F66, F67, F68], Ont [1340, 1827, F73, F74], Nfld [1659, 1660, 1661].

A. morbosum (Dibotryon m.): black knot, nodule noir: on 1 NWT-Alta [1063]. Host probably misdetermined. This fungus occurs on *Prunus*.

Botryosphaeria obtusa (C:31): black rot, pourriture noire: on 6 NS [1614].

Cladosporium herbarum: on 13 Man [1760].

Conoplea olivacea (C. sphaerica): on 13 Man [1760, F66].

Cryptosporiopsis pruinosa (Sphaeronaema p.) (holomorph *Pezicula pruinosa*) (C:32): on 13 Man [F67], Ont [1340, 1660, 1827].

Cylindrosporium sp. (C:31): leaf spot, tache foliaire: on 1 BC [1012]; on 1b BC [1816].

Dermea bicolor (C:31): on 13 Sask [F67], Man [F66], Ont [1340].

Diaporthe sp.: on 13 Ont [1340].

D. tuberculosa (C:31): twig blight, brûlure des rameaux: on 13 Ont [1340, F60], NS [1032].

Diplocarpon mespili (Fabraea maculata) (anamorph *Entomosporium mespili*) (C:31): on 1b BC [1816]; on 3 NB [1032]; on 13 Man [F67, F68], NB, NS [1032], PEI [335, 1032].

Entomosporium mespili (E. maculatum) (holomorph *Diplocarpon mespili*) (C:31): leaf spot, tache des feuilles: on 13 PEI [F62].

Fibricium rude (F. greschikii): on 1 BC [1012]. See *Abies*.

Gymnosporangium sp.: rust, rouille: on 1 NWT-Alta [1063], BC [954], Ont [1341]; on 2, 7, 9 Nfld [1659, 1660, 1661]; on 13 Alta [338, 1594], Sask [F63], Man [F63, F64], Ont [1341], NS [F66], Nfld [337, 1661, 1595].

G. biseptatum: rust, rouille: on 13 NWT-Alta [1063].

G. clavariiforme (C:31): rust, rouille: 0 I on 1 BC [1012, 1247] and BC, Alta, Sask, Man [2008]; on 2 Que [1236], Nfld [1262]; on 2, 4 Que [1262]; on 3 Man, Ont, Que, NS, PEI [1240] also Ont [1236, 1247], NS [1032]; on 3, 6, 10, 11, 13 Ont [1262]; on 7, 11 NS [1032]; on 7, 12 NS [1262]; on 10 Ont [1236]; on 13 BC [644, 953, 1247, 1262], Alta [951, 952, 1247], Sask [F67], Ont [1236], Que [339, 1594], NB [F64], NS [1032, F63, F64, F65], PEI [1262], Nfld [333, 339].

G. clavipes (C:31): quince rust, rouille du cognassier: 0 I on 1 NWT-Alta [1063], BC, Alta, Man, Ont [1263] and BC [644, 1012, 1341, 1247, 1816], Alta [53, 950], Man [335], Ont [1236, 1240, 1341]; on 1b, 3, 5, 7, 9, 10, 13 [1236]; on 2 Que, Nfld [1263]; on 3 Ont, Que [1240], NB [1263]; on 3, 6, 13 NB [1032]; on 3, 10, 13 NS [1032]; on 6 NS [1240]; on 7 Nfld [1662]; on 13 BC, Alta, Sask, Man, Ont [1247] in Ont by inoculation, NB, NS, PEI [1263] and BC [1063], Alta [904, F61], Man [F67], Ont [1341, 1827, 1828, F68], Nfld [335, 1659, 1660, 1661] also Alta, Sask [F71].

G. connersii: rust, rouille: 0 I on 13 Ont [1247] by inocluation.

G. cornutum: rust, rouille: 0 I on 13 Alta [951].

G. inconspicuum (C:31): rust, rouille: 0 I on 1 BC [1012, 1269, 1816, 2008]; on 13 BC [1247], Ont [1247] by inoculation.

G. nelsonii (G. corniculans) (C:31): rust, rouille: 0 I on 1 Yukon, BC, Alta, Sask, Man [1271, 2008] also NWT-Alta [1063], Mack, Ont [1271], BC [644, 1012], Alta [53, 644], Sask [1839]; on 1, 9 Ont [1236]; on 1, 1b BC [1816]; on 1a, 1b BC [1271]; on 5, 6, 7 Ont [1271]; on 13 Yukon, NWT, BC, Alta, Sask, Man, Ont [1247] in Ont by inoculation, also BC [953], Alta [952, F61], Man [1240], Ont [1240, 1236] and Sask, Man [F67].

G. nidus-avis (G. juvenescens) (C:31): rust, rouille: on 1 NWT-Alta [1063], Mack [53], BC [644, 1012] also BC, Alta, Man [1272] and Alta [557, 952]; on 1, 3 Ont by inoculation [1247]; on 1, 1b BC [1816]; on 5, 7 Ont [1272]; on 13 Mack, BC, Alta, Sask, Man [2008] also BC [953], Alta [F60], Ont [1236, 1341] also BC, Alta, Man [1247] in BC by inoculation, and Sask, PEI [1272], Man, Ont, Que, PEI [1240].

Hymenochaete corrugata: on 13 Ont [1341]. See *Abies*.

H. tabacina (C:31): on 1 BC [1012]; on 13 PEI [1032]. See *Abies*.

Irpex lacteus (Polyporus tulipiferae) (C:32): on 13 Ont [1341]. See *Acer*.

Leucostoma cincta (Valsa c.) (C:32): on 13 Ont [1340, 1828], NS [1032].

Lophodermium hysterioides (C:31): on 1 BC [1012]; on 13 NWT-Alta [1063], Alta [F63].

L. tumidum (C:31): on 13 Man [F66]. Probably a specimen of *L. aucupariae*. See [1609] page 96.

Massaria conspurcata: on 13 Man [F67], Ont [1340]. Typically on *Prunus*.

M. pruni (C:32): on 13 NS [1032]. Typically on *Prunus*.

Meruliopsis corium: on 1 BC [1012]; on 1b BC [568]; on 13 Sask [568]. See *Acer*.

Microsphaera penicillata (M. alni): powdery mildew, blanc: on 13 Ont [1827].

Monilinia amelanchieris (C:32): blossom blight or fruit rot, pourriture sclérotique: on 1, 13 Alta [338]; on 13 BC [338].

Nectria sp.: on 13 Ont [1340].

N. cinnabarina (anamorph *Tubercularia vulgaris*) (C:32): on 13 Man [F67].

Nummularia discincola: on 13 Ont [1340], Que [862].

Oedemium atrum (holomorph *Chaetosphaerella fusca*): on 13 Sask [1760].

Peniophora cinerea (C:32): on 13 Ont [1341]. See *Abies*.

Pezicula pruinosa (C:32): on 13 Ont [1340], NS [1032].

Phaeomarasmius erinaceus: on 13 Man [1434].

Phellinus ferreus: on 13 BC [558]. See *Acer*.

P. ferruginosus (Poria f.): on 13 NS [1032]. See *Abies*.

P. punctatus (Poria p.): on 13 Ont [1341]. See *Abies*.

Phragmidium sp.: on 1 NWT-Alta [1063]. Probably a misdetermination of the host because this rust genus is not known to occur on plants of the tribe Pomoideae.

Phyllosticta innumerabilis (C:32): leaf spot, tache foliaire: on 1 BC [1012]; on 13 Que [F60].

Podosphaera clandestina (C:32): powdery mildew, blanc: on 1 Ont [1257]; on 13 Man [F68], Ont, Que [1257], NS [1032, 1257, F64], Nfld [1659, 1660, 1661].

Puccinia sparganioides: rust, rouille: on 13 Nfld [1661]. 0 I known only on *Fraxinus*, II III alternate to *Spartina*. This record needs to be confirmed.

Skeletocutis nivea (Polyporus semipileatus) (C:32): on 13 NS [1032]. Associated with a white rot.

Sporidesmium agassizii: on 13 Man [1760].

Stigmatolemma poriaeforme: on 1 BC [1012]. Associated with a white rot.

Strickeria obducens (Teichospora o.): on 1 BC [1012].

Synchytrium aureum: on 13 NS [1032].

Tomentella pallidofulva: on 13 BC [1341].

Tubercularia vulgaris (holomorph *Nectria cinnabarina*) (C:32): on 1 BC [1012]; on 13 Ont [1340].

Valsa sp. (C:32): on 1 BC [1012]; on 13 Ont [1340].

V. ceratosperma (V. ceratophora) (C:32): on 13 Ont [1340, F65].

AMMOPHILA Host GRAMINEAE

1. *A. arenaria* (L.) Link, european beachgrass; imported from Europe, natzd., BC.
2. *A. breviligulata* Fern., beachgrass, ammophile à ligule courte; native, Ont-Nfld.

Puccinia coronata (C:32): crown rust, rouille couronnée: on 1 BC [1816].

P. graminis (C:32): rust, rouille: II III on 2 Ont [1236].

AMPHICARPA Ell. LEGUMINOSAE

1. *A. bracteata* (L.) Fern., hog peanut, amphicarpée bractéolée; native, Sask-NS.

Erysiphe communis (E. polygoni) (C:33): powdery mildew, blanc: on 1 Ont [1257].

Uromyces appendiculatus (U. phaseoli): rust, rouille: 0 I II III on 1 Ont [1236].

AMSINCKIA Lehm. BORAGINACEAE

Rough-hairy North & South American annuals. Commonly called Tarweed or Fiddleneck.

1. *A. menziesii* (Lehm.) Nels. & Macbr.; native, Yukon, BC.

Erysiphe cichoracearum: powdery mildew, blanc: on 1 BC [1012].

ANAPHALIS DC. COMPOSITAE

1. *A. margaritacea* (L.) Clarke, pearly everlasting, immortelle; native, Mack, BC-Nfld.

Leptosphaeria doliolum (C:33): on 1 Que [70].

L. ogilviensis (C:33): on *A.* sp. Que [70].

Niesslia exilis (N. pusilla) (C:33): on 1 Que [70].

Ophiobolus mathieui: on 1 BC [1620].

Pleospora ambigua (C:33): on 1 Que [70].

Uromyces amoenus (C:33): rust, rouille: on 1 BC [1012, 1816], Ont [1341], Que [282].

ANCHUSA L. BORAGINACEAE

1. *A. azurea* Mill., Italian bugloss, buglosse d'Italie; imported from Mediterranean region.

Sclerotinia sclerotiorum (C:33): on 1 BC [1816].

ANDROMEDA L. ERICACEAE

1. *A. glaucophylla* Link, bog rosemary, andromède glauque; native, Man-Nfld.
2. *A. polifolia* L., bog rosemary, andromède à feuilles de Polium; native, Yukon-Keew, BC-n. Que, s. Labr.

Epipolaeum andromedae: on 1 Ont [73]. The source of this record was Rehm collection 2017. The part at DAOM and presumably elsewhere has the host misdetermined. The plant is *Andromeda glaucophylla*, not *Cassandra*.
Exobasidium vaccinii (C:33): on 1 Que [282]; on 2 BC [1816]; on *A.* sp. Que [1385].
E. vaccinii var. *vaccinii*: on 2 BC [1012].
Gibbera andromedae: on living and languishing leaves of 1 Ont, Que [73]. The Ont record, collected by Dearness, is reported on *A. polifolia* but the packet (Ellis & Ev., N.A.F. 2363) at DAOM contains *A. glaucophylla* Link (*A. polifolia* sensu Dearness).
Godronia cassandrae: on 1 Que [1678].
G. cassandrae var. *cassandrae*: on 1 Que [1525].
Mycosphaerella minor (C:33): on 1 Que [70].
M. vaccinii (C:33): on 1 Que [70].
Placuntium andromedae (Rhytisma a.) (C:33): on 1 NWT, NS, Nfld [1340]; on 2 Mack [53], BC [1012, 1816]; on *A.* sp. Ont [1340].

ANDROPOGON L. GRAMINEAE

1. *A. gerardii* Vitman, big bluestem, barbon de Gérard; native, Sask-Que.

See also *SCHIZACYRIUM*.

Puccinia andropogonis (C:33): rust, rouille: II III on 1 Ont [1236].
P. ellisiana (C:33): rust, rouille: II III on 1 Ont [1236].

ANEMONE L. RANUNCULACEAE

1. *A. canadensis* L., Canada anemone, anémone du Canada; native, sw. Mack, BC-PEI.
2. *A. coronaria* L., poppy anemone, anémone couronnée; imported from Mediterranean region. 2a. *A. c.* var. *St. Brigid*; a cultivar.
3. *A. cylindrica* Gray, long-headed anemone, anémone cylindrique; native BC-sw. Que.
4. *A. drummondii* Wats., Drummond's anemone, anémone de Drummond; native, Yukon, nw. Mack, BC, sw. Alta.
5. *A. multifida* Poir, cut-leaf anemone, anémone multifide; native, Yukon-Keew, Alta-NB, Nfld. 5a. *A. m.* f. *multifida* (*A. globosa* (T. & G.) Nutt.); native, Yukon-Keew, BC-Alta, Ont-Que & Nfld.
6. *A. nemorosa* L., european wood anemony; imported from Europe.
7. *A. parviflora* Michx., small-flowered anemone, anémone à petites fleurs; native, Yukon-Labr.
8. *A. patens* L. var. *wolfgangiana* (Bess.) Koch (*A. ludoviciana* Nutt.), prairie crocus, crocus; native, Yukon-Mack, BC-Ont.
9. *A. quinquefolia* L., wood anemone, anémone des bois; native, BC-NS. 9a. *A. q.* var. *interior* Fern.; native, Alta-NB.
10. *A. riparia* Fern., riverbank anemone, anémone des rivages; native, BC-NS and Nfld.
11. *A. virginiana* L., Thimbleweed, anémone de Virginie; native, NS.

Aecidium ranunculacearum (C:34): on 6 Ont [437].
Erysiphe communis (E. polygoni): powdery mildew, blanc: on 1 Ont [1236], Que [1257]; on 11 Ont [1257].
Phloeospora anemones (C:34): on 5 BC [1012]; on 5a BC [1816].
Puccinia anemones-virginianae (C:34): rust, rouille: III on 3 Que and on 10, 11 Ont [1236].
P. gigantispora (C:34): rust, rouille: on 4, 7 Mack [53]; on 5, 7 BC [1012]; on 5a, 7 BC [1816]; on 5 Yukon [460].
P. magnusiana (C:34): rust, rouille: 0 I on 3 Ont [1236].
P. pulsatillae (C:34): rust, rouille: on 7 BC [1012, 1816], Que [1236]; III on 8 Sask [1839].
P. recondita s.l. (C:34): rust, rouille: on 3, 5, 9, 11 Ont [1236]; on 9, *A.* sp. Ont [1341]; on 9a Ont [1828].
Tranzschelia sp.: on 9 Ont [1828].
T. anemones (Urocystis a.): on 5 Yukon [460]; on 9 Ont [1236, 1828]; on 8, *A.* sp. Ont [1341]. Conners (p. 34) felt that Nannfeldt's concept was too broad, thus Conners used *T. fusca* Diet.
T. discolor: on 2 BC [1816]. See comment under *Prunus*.
T. pruni-spinosae (C:34): rust, rouille: on 9 Ont [1236].
T. pruni-spinosae var. *discolor*: on 2 BC [2008]; on 2a BC [1012]. See comment under *Prunus*.

ANETHUM L. UMBELLIFERAE

1. *A. graveolens* L., dill, aneth; imported from sw. Asia.

Alternaria sp.: rusty root: on 1 Ont [1708].
Cylindrocarpon sp.: rusty root: on 1 Ont [1708].
Olpidium brassicae: on 1 Ont [67].
Penicillium sp.: on 1 Ont [1708].
Phoma anethi (C:34): blight, brûlure: on 1 Sask [337].
Sclerotinia sclerotiorum: stem rot, pourriture sclérotique: on 1 Sask [1140].

ANGELICA L. UMBELLIFERAE

1. *A. arguta* Nutt.; native, BC-Alta.
2. *A. altopurpurea* L., alexanders, angélique noire-pourprée; native, Ont-Nfld.
3. *A. dawsonii* Wats.; moist or wet montane slopes, se. BC-sw. Alta.
4. *A. genuflexa* Nutt.; native, BC-Alta.
5. *A. lucida* L., sea coast angelica, céloplèvre brillanté; native, Yukon, BC, Ont-Labr.

Cercospora angelicae (C:35): on 3 BC [1551].
Cercosporidium angelicae: on 2 Ont [379].
C. depressum (Passalora d.): on 2 Ont [1551]; on 4 BC [379, 1551].
Pollaccia peucedani (Asperisporium p., Fusicladium p.): on 1 BC [1012, 1578], Alta [1578].
Puccinia angelicae (C:35): rust, rouille: on 4 BC, Alta [1551].
P. coelopleuri (C:35): rust, rouille: on 5 BC [1551].
Ramularia archangelicae (C:35): on 1, 5 BC [1551].
Stigmina sp.: shot hole: on 1 BC [1816].

ANTHOXANTHUM L. GRAMINEAE

1. *A. odoratum* L., sweet vernal grass, flouve odorante; imported from Eurasia, natzd., BC, Ont-Nfld.

Cercosporidium graminis (Passalora g.) (C:36): brown stripe, strie brune: on 1 NB [333, 1195].
Claviceps purpurea (C:35): ergot, ergot: on 1 NB [333, 1195].
Puccinia graminis (C:35): rust, rouille: on 1 NB [333]; on *A.* sp. NB [1195].

ANTHYLLIS L. LEGUMINOSAE

1. *A. vulneraria* L., kidney vetch, vulnéraire; imported from Europe, introduced in Ont, Que and NB. Sometimes grown as an ornamental or for forage.

Sclerotinia sp.: rot, pourriture: on 1 BC [1816].

ANTIRRHINUM L. SCROPHULARIACEAE

1. *A. majus* L., common or large snapdragon, gueule de loup; perennial herb from the Mediterranean region, widely grown as an ornamental, in e. Canada, especially s. Ont and NS, escapes to disturbed sites and roadsides but hardly persistent.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:36): gray mold, moisissure grise: on 1 BC [1816], Ont [163], in greenhouse NS [334, 336].
Oidium sp.: on 1 in greenhouse BC [1816].
Peronospora antirrhini (C:36): downy mildew, mildiou: on 1 Ont [333].
Phyllosticta antirrhini (C:36): leaf spot, tache foliaire: on 1 BC [1816].
Phytophthora cactorum: on 1 Ont [336].
Puccinia antirrhini (C:36): rust, rouille: on 1 BC [333, 1012, 1816], II III Ont [1236].
Pythium sp. (C:36): root rot, pourriture des racines: on 1 Alta [335].
Septoria antirrhini (C:36): leaf spot, tache septorienne: on 1 BC [1816].
Verticillium albo-atrum (C:36): verticillium wilt, verticillienne: on *A.* sp. BC [38].
V. dahliae (C:36): verticillium wilt, verticillienne: on 1 BC [1816].

APARGIDIUM Torr. & Gray COMPOSITAE

1. *A. boreale* (Bong.) Torr. & Gray, perennial herb of sphagnum bogs and wet meadows at low to fairly high elevations; s. Alaska-BC.

Puccinia eriophori var. *apargidii*: rust, rouille: on 1 BC [1559].

APIUM L. UMBELLIFERAE

1. *A. graveolens* L. var. *dulce* DC., celery, céleri; commonly cultivated and widely distributed.

Acremonium apii (Cephalosporium a.) (C:37): brown spot, tache brune: on 1 Man, Ont [336].
Alternaria dauci: blight, brûlure: on 1 Ont [1461, 1594].
Botryotinia fuckeliana (anamorph *Botrytis cinerea*): on *A.* sp. Ont [666a].
Cercospora apii (C:37): early blight, brûlure cercosporéene: on 1 BC [1816], Que [333, 334, 339, 1594, 1639, 1640, 1650, 1652, 1654], NS [338].
Fusarium spp. - *Stemphylium* spp. complex: on 1 Ont [1461].
Fusarium oxysporum f. sp. *conglutinans*: on 1 BC [1816]. Misidentified? This f. sp. attacks crucifers, whereas *F. oxysporum* f. sp. *apii* attacks *Apium*.
Olpidium brassicae: on 1 BC [1977], Ont [67].
Phyllosticta apii: leaf spot, tache foliaire: on 1 Que [333].
Pythium sp. (C:37): damping off, fonte: on 1 BC [1977], Ont [868], Que [333, 334, 1639].
P. irregulare: on 1 Ont [868].
P. sulcatum: on 1 Ont [868] by inoculation.
P. sylvaticum: on 1 Ont [868] by inoculation.
Rhizoctonia sp.: on 1 Que [1639].
R. solani (holomorph *Thanatephorus cucumeris*) (C:37): damping off, fonte des semis: on 1 Que [333, 334].

Sclerotinia sclerotiorum (C:37): drop or sclerotinia rot, pourriture sclérotique: on 1 Que [333, 334, 335, 338, 339, 348, 1594, 1639, 1641, 1647, 1651, 1652, 1653, 1654].
Septoria apii (C:37): late blight, brûlure septorienne: on 1 BC [335], Ont [335, 1461], Que [333, 334, 335, 339].
S. apiicola (C:37): late blight, brûlure septorienne: on 1 Que [348, 1651, 1652].
S. apii-graveolentis (C:37): late blight, brûlure septorienne: on 1 BC [1816], Que [1639, 1640, 1641, 1650].
Stemphylium botryosum (C:37): from seeds of 1 Ont [667].
Ulocladium consortiale (Stemphylium c.): from seeds of 1 Ont [667].

APOCYNUM L. APOCYNACEAE

1. *A. androsaemifolium* L., spreading dogbane, herbe à la puce; native, Yukon-Mack, BC-Nfld.

Dearnessia apocyni: on 1 Ont [195], presumably Ont [1763].
Ophiobolus mathieui: on 1 BC [1620].
O. rubellus: on 1 Ont [1620].
Phyllosticta apocyni: on 1 Ont [195].
Puccinia seymouriana (C:38): rust, rouille: on 1 NS [1036].
Verticillium dahliae: on 1 BC [1978].

AQUILEGIA L. RANUNCULACEAE

1. *A. flavescens* Wats., yellow columbine, ancolie jaune; native, BC-Alta.
2. *A. formosa* Fisch., wild columbine, ancolie gracieuse; native, Yukon, BC-Alta.
3. *A. vulgaris* L., european columbine, gants de Notre-Dame; imported from Europe, escaping to roadsides, fields and borders of woods, BC, Ont-Nfld.
4. Host species not named, i.e., reported as *Aquilegia* sp.

Ascochyta aquilegiae (C:38): leaf spot, tache ascochytique: on 4 BC [1816].
Erysiphe communis (E. polygoni) (C:38): powdery mildew, blanc: on 3 Ont, NS [1257]; on 4 BC [333, 334, 335, 337, 338, 339, 1816], Alta [337].
Haplobasidion thalictri: leaf blotch, brûlure des feuilles: on 4 BC [1816].
Nodulosphaeria aucta: on 2 BC [72]. The host should be reconfirmed because the fungus is restricted to *Clematis recta* [761].
Puccinia recondita s.l. (C:38): rust, rouille: on 1 NWT-Alta [1063], BC [954]; on 1, 2 BC [1012]; on 2, 4 BC [1816].

ARABIS L. CRUCIFERAE

1. *A. arenicola* (Richards.) Gelert.; native, Keew-Frank, Sask-Que, Labr.
2. *A. caucasica* Schlecht. (*A. albida* Stev.), wall rock cress, arabette de caucase; imported from Europe, occasionally spreading from cultivation.
3. *A. divaricarpa* Nels.; native, Yukon-Mack, BC-NB.
4. *A. drummondii* Gray (*A. confinis* Wats.); native, Yukon-Mack, BC-NS, Nfld, Labr.
5. *A. glabra* (L.) Bernh., tower-mustard, tourette; imported from Eurasia, introduced Yukon-Mack, BC-NS.
6. *A. hirsuta* (L.) Scop.; native, Yukon-Mack, BC-NS.
7. *A. holboellii* Hornem.; native, Yukon-Mack, BC-Ont.
8. *A. lemmonii* Wats.; native, Yukon, BC-Alta.
9. *A. lyallii* Wats.; native, Yukon, BC-Alta.
10. *A. lyrata* L.; native, Yukon-Mack, BC-Que.
11. *A. nuttallii* Robins.; native, BC-Alta.
12. *A. puberula* Nutt.; native, BC.

Albugo candida (A. cruciferarum, Cystopus candidus) (C:39): white rust, albugine: on 2 BC [1816]; on 5 Ont [195].
Cladosporium subsclerotioideum: on 5 Ont [195].
Macrosporium mycophilum: on 5 Ont [195].
Mycosphaerella tassiana var. *tassiana* (C:39): on 7 Sask [1327].
Peronospora parasitica (C:39): downy mildew, mildiou: on 2 BC [334, 1816]; on 5 Ont [195].
Puccinia arabicola (C:39): rust, rouille: 0 I III on 4 Ont [1236].
P. holboellii (P. thlaspeos auct.) (C:39): rust, rouille: on 1 Ont, Que [1568] also Que [1341]; on 1, *A.* sp. Ont [1236]; on 3 Ont [1568]; on 3, 4, 8, 9, 11 BC [1568]; on 4, 7, 9, 11 Alta [1568]; on 6, 8 BC [1012, 1816]; on 7 Yukon, NWT, BC [1568]; on 10 Yukon, BC, Sask, Que [1568]; on *A.* sp. Alta [644].
P. monoica (C:39): rust, rouille: on 6, 12 BC [1012, 1816]; on 10 Ont [1236].
Selenophoma sp.: on *A.* sp. [1323].

ARALIA L. ARALIACEAE

1. *A. nudicaulis* L., wild sarsaparilla, salsepareille; native, sw. Mack, BC-Nfld.

See also *FATSIA*.

Ceratobasidium anceps (C:39): on 1 Ont [1341].
Gnomonia sp.: on 1 Ont [1340].
G. similisetacea: on 1 Ont [79].
Mundkurella mossii: on 1 Alta, Sask, Ont [1577].
Nyssopsora clavellosa (Triphragmium c.) (C:39): on 1 BC [1012, 1816], Ont [437,1660], Que [282]; on 1, *A.* sp. Ont [1236, 1341], NB [1032].

Trichometasphaeria gloeospora (C:39): on 1 Que [70].

ARAUCARIA Juss. PINACEAE

1. *A. araucana* (Molina) K. Koch, monkey puzzle, cult. in sw. BC.

Varicosporium elodeae: on 1 BC [43].

ARBUTUS L. ERICACEAE

1. *A. menziesii* Pursh, arbutus or madrona, madrono; native, sw. coastal BC.

Aleurodiscus macrocystidiatus (C:39): on 1 BC [964, 1012] Lignicolous.
Amylocorticum cebennense: on 1 BC [1939]. See *Abies*.
Antrodia lindbladii (Poria cinerascens) (C:40): on 1 BC [1012]. See *Abies*.
A. malicola (Trametes m.): on 1 BC [1012]. See *Acer*.
A. serialis (Poria ferox): on *A.* sp. BC [1014]. See *Abies*.
Armillaria mellea: on 1 BC [1012, F74]. Causes a root rot. See *Abies*.
Ascochyta hanseni (C:39): leaf spot, tache des feuilles: on 1 BC [1816].
Athelia scutellare (Corticium s.) (C:39): on 1 BC [1012]. Lignicolous.
Basidiodendron caesio-cinerea (Sebacina c.): on 1 BC [1012]. Lignicolous.
B. eyrei: on 1 BC [1016]. See *Acer*.
Capnodium sp.: on 1 BC [1012, F62].
C. walteri: on 1 BC [798]. Associated with *Trialeurodes merlini*, a scale insect.
Coccomyces arbutifolius: on 1 BC [1609].
C. quadratus (C:39): on 1 BC [1012].
Coriolus versicolor (Polyporus v.) (C:40): on 1 BC [1012]. See *Abies*.
Cytospora sp.: on 1 BC [1012]. Lignicolous.
Dacrymyces capitatus (D. deliquescens var. *ellisii)*: on 1 BC [1012]. Lignicolous. See *Alnus*.
Dendrothele incrustans (Aleurocorticium i.): on 1 BC [965]. Lignicolous.
Didymosporium arbuticola (C:39): on 1 BC [1012, F62].
Diplodia maculata (C:39): on 1 BC [1012].
Exobasidium vaccinii (C:39): on 1 BC [1012, 1816, F69].
Hendersonula toruloidea: on 1 BC [1012, F72].
Hymenochaete spreta (C:39): on 1 BC [1012]. See *Acer*.
H. tabacina (C:39): on 1 BC [1012]. See *Abies*.
Hyphoderma amoenum: on 1 BC [1012]. Lignicolous.
H. puberum: on 1 BC [1012]. See *Abies*.
Hyphodontia crustosa: on 1 BC [1012]. See *Abies*.
Hysterographium vulvatum (C:39): on 1 BC [1012].
Meruliopsis corium: on *A.* sp. BC [568]. See *Acer*.
Monochaetia desmazierii (C:39): on 1 BC [1816].
M. monochaeta: on 1 BC [1012].
Mycoacia uda: on 1 BC [1012]. Lignicolous.
Mycosphaerella arbuticola (C:39): leaf spot, tache des feuilles: on 1 BC [1816].
Panellus serotinus (Pleurotus s.) (C:40): on 1 BC [F66]. See *Acer*.
Peniophora cinerea (C:40): on 1 BC [1012]. See *Abies*.
P. incarnata (C:40): on 1 BC [1012]. Lignicolous.
Phellinus ferreus (Poria f.) (C:40): on 1 BC [1012]. See *Acer*.
P. igniarius (Fomes i.) (C:39): white trunk rot, carie blanche du tronc: on 1 BC [1012].
Phlebia centrifuga (P. albida auct.*)*: on 1 BC [1012]. See *Abies*.
P. deflectens (Corticium d.) (C:39): on 1 BC [1012]. See *Acer*.
Phoma sp.: on 1 BC [1012].
Pleurotus subareolatus: on 1 BC [1012]. See *Acer*.
Poria stenospora (C:40): on 1 BC [1012]. Presumably a misdetermination because the "type" specimen is a collection of *Dichomitus squalens* [1501].
Pucciniastrum sparsum (C:40): leaf rust, rouille des feuilles: on 1 BC [1012, 2008].
Rhytisma arbuti (C:40): tar spot, tache goudronneuse: on 1 BC [1816].
Seimatosporium arbuti (C:40): on 1 BC [1012].
Skeletocutis nivea (Polyporus semipileatus): on 1 BC [1012]. See *Amelanchier*.
Stereum hirsutum (C:40): on 1 BC [1012]. See *Abies*.
S. ostrea (C:40): on 1 BC [1012]. See *Abies*.
Stictis radiata (C:40): on 1 BC [1012].
Trechispora vaga: on 1 BC [1012]. See *Abies*.
Trichaptum abietinus (Hirschioporus a., Polyporus a.) (C:40): on 1 BC [1012, 1816]. See *Abies*.
Valsa sp.: on 1 BC [1012].

ARCEUTHOBIUM M. Bieb. LORANTHACEAE

Small parasitic plants of the northern hemisphere, often referred to as dwarf mistletoes. Parasitic on Pinaceae.

1. *A. americanum* Nutt. ex Engelm., pine mistletoe; native, BC-Ont, parasitic on pine, often *Pinus contorta* var. *latifolia*.
2. *A. campylopodium* Engelm.; native, BC, parasitic on branches of conifers.
3. *A. douglasii* Engelm.; native, BC, parasitic on *Pseudotsuga menziesii*.
4. *A. pusillum* Peck, dwarf mistletoe, petit gui; native, Sask-Nfld, parasitic on *Picea*, rarely *Larix* or *Pinus strobus*.

5. *A. tsugense* (Rosend.) G.N. Jones; native, BC, parasitic on *Tsuga heterophylla* and *Pinus contorta* var. *contorta*.
6. Host species not named, i.e., reported as *Arceuthobium* sp.

Alternaria alternata: on 4 Man [1760].

Ascoconidium tsugae: canker, chancre: on 5 BC [521].

Botryosphaeria tsugae: canker, chancre: on 5 BC [521].

Cladosporium sp.: on 1 NWT-Alta [1063], Alta [952], Sask [F70].

Coccomyces heterophyllae: canker, chancre: on 5 BC [521].

Colletotrichum gloeosporioides (holomorph *Glomerella cingulata*): on 1 NWT-Alta [1063], BC, Alta, Sask [1155] also BC [953], Alta [951, 952, 1157, F66, F68], Sask [F70]; on 6 BC [F70], Alta [F65].

Cylindrocarpon gillii (Septogloeum g.): on 1 NWT-Alta [1063], BC, Alta, Sask [1155] also Alta [952, F61, F66], Sask [F70]; on 1, 3, 5 BC [1012]; on 1, 3, 6 BC [F63]; on 3 BC [1063]; on 6 Alta [F65].

Discocainia treleasei: canker, chancre: on 5 BC [521].

Glomerella cingulata (anamorph *Colletotrichum gloeosporioides*): on 1 BC [1012].

Pestalotia sp.: on 5 BC [1012].

Pestalotiopsis maculiformans (Pestalotia m.): on 2 BC [F70].

Phomopsis lokoyae: canker, chancre: on 5 BC [521].

Sphaeropsis sapinea (Diplodia pinea): on 1 BC [1012].

Wallrothiella arceuthobii: on 1 NWT-Alta [1063], BC, Alta, Sask [1155] also Alta, Sask, Man [F70] and BC [905, 953, 1012], Alta [53, 951, F61, F66], Ont [1828]; on 3 BC [1012, 1063, F61]; on 6 Alta [F65, F67], Sask [F63].

Xenomeris abietis: canker, chancre: on 5 BC [521].

ARCTAGROSTIS Griseb. GRAMINEAE

1. *A. latifolia* (R. Br.) Griseb.; native, Yukon-n. BC, n. Alta, n. Sask, n. Man, n. Que, Labr.

Hysteropezizella lyngei: on 1 Frank [664].

Selenophoma drabae: on 1 Frank [1244]. A misdetermination.

ARCTIUM L. COMPOSITAE

1. *A. lappa* L., great burdock, grande bardane; natzd., Man-NB.
2. *A. minus* (Hill) Bernh., common burdock, bardane mineur; imported from Eurasia, natzd., BC-Nfld.
3. Host species not named, i.e., reported as *Arctium* sp.

Crucibulum laeve (C. vulgare): on 3 Ont [1341]. Probably on dead stems.

Erysiphe cichoracearum: powdery mildew, blanc: on 2 Ont [1257].

Ophiobolus acuminatus: on 3 Ont [1620].

O. anguillidus: on old stems of 3 Ont [1620].

Pseudohelotium canadense: on dead stems of 1 Ont [440].

Puccinia bardanae (C:40): rust, rouille: II III on 2 BC, Man, Ont, Que, NB, NS [1558] and Ont [1236].

Sclerotinia sclerotiorum: on 2 Man [750].

Scopinella solani: on 2 Ont [1039].

Xylaria filiformis: on 3 Ont [1340].

ARCTOPHILA Rupr. GRAMINEAE

Marshy tundra and margins of tundra pools; widespread arctic, perennial grasses.

1. *A. fulva* var. *pendulina* (Loest.) Holmb.

Pseudoseptoria everhartii (Selenophoma e.) (C:41): on 1 Yukon [1731].

ARCTOSTAPHYLOS Adans. ERICACEAE

1. *A. alpina* (L.) Spreng., alpine bearberry, busserole alpine; native, Yukon-Frank, Alta-Labr. 1a. *A. a.* ssp. *rubra* (Rehd. & Wils.) Hulten (*A. rubra* (Rehd. & Wils.) Fern.), red bearberry, arctostaphyle à fruits éclartes; native, generally the same range although slightly more southern than the typical form.
2. *A. columbiana* Piper, hairy manzanita, arctostaphyle de la Colombie-Britannique; native, BC.
3. *A. uva-ursi* (L.) Spreng., bearberry, arctostaphyle raisin d'ours; native, Yukon-Keew, Alta-Nfld.
4. Host species not named, i.e., reported as *Arctostaphylos* sp.

Chaetonaevia nannfeldtii: on leaves of 4 Que, Labr [73].

Chrysomyxa arctostaphyli (aecial state *Peridermium coloradense*) (C:41): III on 3 Yukon, Mack, BC, Alta, Sask, Man [2008] also Yukon [460], Mack [F64, F65, F66, F67], BC [953, 954, 1012, 1816, 2007], Alta [53, 950, 951, 952, F62], Ont [1236, 1341, F62, F66], Que [F60, F64] also NWT-Alta [1063], Sask, Man [F67, F68]; on 3, 4 Mack [53]; on 4 Ont [F65]. The aecial stage causes witches' brooms on *Picea* spp.

Conoplea fusca: on 3 Man [1760].

Coccomyces arctostaphyli: on 3 Alta [1609].

Eupropolella arctostaphyli: on 3 Alta [644].

Exobasidium sp.: on 3 Alta [952].

E. vaccinii (C:41): red leaf, rouge: on 3 BC [1816]; on 4 Que [1385].

E. vaccinii var. *arctostaphyli* (C:41): on 2 BC [1816]; on 2, 3 BC [1012]; on 3 Alta [644].
E. vaccinii var. *vaccinii* (C:41): on 3 Yukon [460], BC [1012].
Gibbera grumiformis (C:41): on leaves of 1 Que [70, 73].
Leptosphaeria hyperborea (C:41): on 1 Que [70].
Monochaetia phyllostictea: on 2 BC [1012].
Phloeospora sp.: on 3 Ont [1340].
Podosphaera myrtillina: on 1 Keew [1257].
Protoventuria alpina (Antennularia a., Gibbera petrakii) (C:41): on 1 Que [70]; on living or dying leaves of 4 Que, Labr [73].
P. alpina var. *major* (*Antennularia a.* var. *major*): on dead branches and leaf bases of 1 Que [73].
Pucciniastrum sparsum (C:41): rust, rouille: II III on 1 Yukon [F64], Mack [F62], BC [1816], Alta [F61]; on 1a Yukon [460], NWT [729], Mack [53], BC [954, 1012], Alta [53, 729, 951, 952], Ont [1236] and NWT-Alta [1063]; on 4 Yukon, Mack, BC, Alta, Man, Ont [2008].
Sphaceloma sp.: on 3 Alta [644].
Xenomeris raetica (C:41): on leaves of 1 Que [70, 73].

ARENARIA L. CARYOPHYLLACEAE

1. *A. capillaris* Poir.; native, Yukon-Mack, BC-Alta.
2. *A. lateriflora* L., blunt-leaved sandwort, sabline latériflore; native, Yukon-Mack, Alta-Nfld.
3. *A. obtusiloba* (Rydb.) Fern.; native, Yukon-Mack, BC-Alta, e. Que, Nfld.
4. *A. peploides* L., seabeach sandwort, sabline faux-péplus; native, Yukon-BC, Ont-Labr.
5. *A. rossii* R. Br.; native, Yukon-Frank, BC-Alta, Man, Que.
6. *A. rubella* (Wahl.) Sm.; native, Yukon-Frank, BC-Alta, Ont-Que, Nfld.

Mollisia epitypha: on 5 Frank [664].
Mycosphaerella densa (C:41): on 5, 6 Frank [1586].
M. tassiana var. *tassiana* (C:41): on 3 Que [70].
Pleospora helvetica (C:42): on 3 Que [70].
Puccinia arenariae (C:42): rust, rouille: on 1 BC, Alta [1578]; on 4 Man, Que [1236].
Ustilago violacea (C:42): smut, charbon: on 2 Que [1390].

ARISAEMA Mart. ARACEAE

1. *A. dracontium* (L.) Schott, dragon root, arisėma dragon; native, Ont-Que.
2. *A. triphyllum* (L.) Schott (*A. atrorubens* (Ait.) Blume), jack in the pulpit, petit prêcheur; native, Man-NS.

Ramularia arisaemae: on leaves of 2 Ont [440].

Uromyces ari-triphylli (Aecidium caladii) (C:42): rust, rouille: 0 I II III on 1, 2 Ont [1236]; on 2 Ont [437, 1341, 1828, 1827].

ARMERIA Willd. PLUMBAGINACEAE

1. *A. maritima* (Mill.) Willd., thrift, gazon d'Espagne; native, Mack-BC, Sask, e. Que, Nfld, Labr. 1a. *A. m.* var. *labradorica* (Wallr.) Inversen; native, Mack-Keew, e. Que, Nfld-Labr.

Mycosphaerella minor: on 1a Que [70].
Scleropleella hyperborea (Leptosphaeria h.) (C:42): on 1a Que [70].
Uromyces armeriae ssp. *hudsonicus* (C:42): rust, rouille: 0 I II III on 1a Que [1236].
U. armeriae ssp. *pacificus* (C:42): rust, rouille: on 1 BC [1012].

ARNICA L. COMPOSITAE

1. *A. alpina* (L.) Olin; native, Yukon-Que, Nfld-Labr. 1a. *A. a.* ssp. *angustifolia* (Vahl) Maguire; native, Yukon-BC, Man, Nfld-Labr.
2. *A. amplexicaulis* Nutt.; native, Yukon-Mack, BC-Alta.
3. *A. chamissonis* Less.; native, Yukon-Mack, BC-Que.
4. *A. cordifolia* Hook., heartleaf arnica, arnica à feuilles cordées; native, Yukon-Mack, BC-Sask.
5. *A. latifolia* Bong., broadleaf arnica, arnica à larges feuilles; native, Yukon-Mack, BC-Alta.
6. *A. lessingii* Greene; native, Yukon-Mack, BC.
7. *A. louiseana* Farr; native, Yukon-Mack, BC-Alta, Que-Nfld. 7a. *A. l.* ssp. *frigida* (Mey.) Maguire (*A. frigida* Mey.); native, Yukon-Mack, BC.
8. *A. mollis* Hook., hairy arnica, arnica soyeux; native, Yukon-Mack, BC-Alta, Que-NB.
9. *A. rydbergii* Greene; native, BC-Alta.

Didymella delphinii (C:43): on 5 BC [296].
Entyloma arnicale (C:43): on 1 Alta [644]; on 2, 3, 4, 5, 8, 9 BC [1583]; on 4 Yukon, Alta [1583].
Puccinia arnicalis (C:43): rust, rouille: on 4, 8 BC, on 4 Alta, on 6 Yukon, on 7a Mack, all from [1582]; and on *A.* sp. Yukon [720] as *P. hieracii*. *P. hieracii* in the broad sense encompassed *P. arnicalis* but Savile [1582] elucidated the reasons for treating the rust on *Arnica* as *P. arnicalis*.
Sphaerotheca fuliginea (C:43): powdery mildew, blanc: on 1a Frank [1586].

ARONIA Medic. ROSACEAE

1. *A. melanocarpa* (Michx.) Elliott (*Pyrus m.* (Michx.) Willd.), black chokeberry, aronia noir; native, Ont-PEI.

2. *A. prunifolia* (Marsh) Rehd. (*A. florabunda* (Lindl.) Spach), purple chokeberry, aronie à feuilles de prunier; native, NB-PEI.

Acrotheca dearnessiana: on 1 Ont [195, 1502].
Cercosporella pirina: on 1 Ont [195].
Gymnosporangium clavipes (C:43): rust, rouille: 0 I on 1 Ont [1236, 1263]; on 2 NS [1263].
Podosphaera clandestina (C:43): powdery mildew, blanc: on 1 Que, NS [1257].

ARRHENATHERUM Beauv. GRAMINEAE

1. *A. elatius* (L.) Beauv., tall oat grass, avoine élevée; imported from Eurasia, natzd., BC, Ont-NS, Nfld.

Bipolaris sorokiniana (holomorph *Cochliobolus sativus*): on 1 Alta [120] by inoculation.
Cercosporidium graminis (Passalora g.) (C:43): brown stripe, strie brune: on 1 BC [1816].
Drechslera tritici-repentis (C:43): on *A.* sp. Alta [1611].
Puccinia graminis (C:43): stem rust, rouille de la tige: on 1 BC [1816].
Sclerotinia borealis (C:43): snow mold, moisissure nivéale: on 1 BC [1816].
Ustilago avenae (C:43): smut, charbon: on 1 BC [1816].

ARTEMESIA L. COMPOSITAE

1. *A. absinthium* L., wormwood; native, Man-Nfld.
2. *A. biennis* Willd., biennial sagewort, armoise bisannuelle; native to w. USA and New Zealand, introduced, Mack, BC-PEI.
3. *A. campestris* L., sagewort, wormwood, aurone des champs; native, Yukon-Frank, BC-NS, Nfld-Labr. 3a. *A. c.* ssp. *borealis* (Pall.) Hall & Clements (*A. borealis* Pall.); native, Yukon, BC-Alta, Que, Nfld-Labr.
4. *A. cana* Pursh, silvery sagebrush, armoise argentée; native, Yukon, Alta-Man.
5. *A. dracunculus* L., tarragon, estragon; native, Yukon, BC-Man, sometimes introduced in the east.
6. *A. frigida* Willd., prairie sagewort, armoise rustique; native, Yukon-Mack, Alta-Man, introduced, Ont, Que and NS.
7. *A. herriotii* Rydb.; native, Alta-Sask.
8. *A. ludoviciana* Nutt., western mugwort, armoise de Louisiane; native, BC-Ont and introduced into Que, NB and PEI.
9. *A. tilesii* Ledeb.; native, Yukon-Keew, ne. Man-ne. Ont.
10. *A. tridentata* Nutt., big sagebrush, armoise tridentée; native, BC-Alta.

Crucibulum parvulum: on *A.* sp. Alta [191].
Erysiphe cichoracearum (C:44): powdery mildew, blanc: on 7 NWT-Alta [1063], Mack [53].
Mycosphaerella minor (C:44): on 3 Que [70].
Mycovellosiella ferruginea: on 1 Ont [382], causing yellowish discolorations of upper leaf surface.
Ophiobolus tanaceti: on 2 Sask [1620].
Puccinia atrofusca (C:44): rust, rouille: on *A.* sp. NWT-Alta [1063].
P. millefolii (C:44): rust, rouille: on 9 Yukon [7].
P. tanaceti (P. ludovicianae) (C:44): rust, rouille: on 4 NWT-Alta [1063]; on 5 BC [1816]; on 5, 6, 10 BC [1012]; on 8 Ont [1236]; on Yukon [460].
Wettsteinina mirabilis (C:44): on 3a Que [70].

ARUNCUS Adans. ROSACEAE

1. *A. dioicus* (Walt.) Fern. (*A. sylvester* Kostel.), goat's-beard, barbe de bouc commun; native, BC, introduced in Que, NS.

Cristulariella depraedans: on 1 BC [1427].

ASARUM L. ARISTOLOCHIACEAE

1. *A. caudatum* Lindl., western wild ginger; native, BC.

Puccinia asarina (C:44): rust, rouille: on 1 BC [1012, 1816].

ASCLEPIAS L. ASCLEPIADACEAE

1. *A. incarnata* L., swamp milkweed, asclépiade incarnate; native, Man-PEI.
2. *A. speciosa* Torr., showy milkweed, belle asclépiade; native, BC-Man.
3. *A. syriaca* L., common milkweed, herbe à coton; native, Man-PEI.
4. *A. tuberosa* L., butterfly-weed, asclépiade tubéreuse; native, Ont-Que.

Ophiobolus rubellus: on 3 Ont [1620].
Sphaerotheca fuliginea: powdery mildew, blanc: on 4 Ont [1257].
Uromyces asclepiadis (C:45): rust, rouille: II III on 1, 3 Ont [1236].
Verticillium dahliae: on 2 BC [1978].

ASPARAGUS L. LILIACEAE

1. *A. officinalis* L. (*A. o.* var. *altilis* L.), garden asparagus, asperge; imported from Europe, known as a garden escape in all provinces except Sask.

Fusarium sp. (C:45): crown rot, pourriture fusarienne: on 1 BC [1816], Ont [337, 1460, 1461, 1594], Que [1639].
F. oxysporum f. sp. *asparagi*: root rot, flétrissure fusarienne: on 1 Que [333].
Phomopsis asparagi (Phoma a.): stem canker, chancre phoméen: on 1 Ont [335].

Puccinia asparagi (C:45): rust, rouille: on 1 BC [333, 1012, 1816], Sask [1839], Ont [335, 1236, 1341].

Pythium sp.: on 1 Ont [1461].

Rhizoctonia crocorum (holomorph *Helicobasidium purpureum*) (C:45): violet root rot, rhizoctone violet: on 1 BC [1816].

R. solani (holomorph *Thanatephorus cucumeris*) (C:45): rhizoctonia, rhizoctone commun: on 1 Ont [1461].

Sclerotinia sclerotiorum: on 1 Sask [1140].

Stemphylium botryosum (holomorph *Pleospora herbarum*): (C:45): from seeds of 1 Ont [667].

ASTER L.

COMPOSITEAE

1. *A. acuminatus* Michx., acuminate aster, aster acuminé; native, Ont-Nfld.
2. *A. borealis* (Torr. & Gray) Provanchant (*A. junciformis* Rydb.), rush aster, aster jonciformeé; native, Yukon-Mack, Man-PEI.
3. *A. campestris* Nutt.; native, BC-Alta.
4. *A. ciliolatus* Lindl. (*A. lindleyanus* Torr. & Gray), ciliolate aster, aster ciliolé; native, Mack, BC-NS.
5. *A. conspicuus* Lindl., showy aster, aster remarquable; native, BC-Sask.
6. *A. cordifolius* L., blue wood aster, aster à feuilles cordées; native, Man-NS.
7. *A. engelmannii* (Eat.) Gray; native, BC-Alta.
8. *A. ericoides* L. (*A. multiflorus* Ait.), heath aster, aster ericoide; native, Yukon-Mack, Alta-Que.
9. *A. laevis* L. (*A. concinnus* Colla), smooth aster, aster lisse; native, Yukon, BC-Ont.
10. *A. lateriflorus* (L.) Britt., calico aster, aster latériflore; native, Man-PEI.
11. *A. lowrieanus* Porter, Lowrie's aster, aster de Lowrie; native, Ont-Que.
12. *A. macrophyllus* L., bigleaf aster, aster à grandes feuilles; native, Man-PEI.
13. *A. novae-angliae* L., New England aster, aster de la Nouvelle-Angleterre; native, Man-Que, NS.
14. *A. novae-belgii* L., New Belgium aster, aster de la Nouvelle-Belgique; native, Ont-Nfld. 14a. *A. n.-b.* var. *belgii* (*A. johannensis* Fern.), Lake St. John aster, aster du lac St. Jean; native, Ont-Nfld.
15. *A. occidentalis* (Nutt.) Torr. & Gray; native, Mack, BC-Alta.
16. *A. pilosus* Willd.; native, Ont-Que.
17. *A. ptarmicoides* (Nees) Torr. & Gray, upland white aster, aster faux-ptarmica; native, Sask-NB.
18. *A. puniceus* L., purple-stemmed aster, aster ponceau; native, Mack, Alta-NS, Nfld.
19. *A. sagittifolius* Wedemeyer, arrow-leaved aster, aster à feuilles sagittées; native, Man-Ont.
20. *A. sedifolius* L.; imported from Europe.
21. *A. sibiricus* L.; native, Yukon-Keew, BC-Alta.
22. *A. simplex* Willd., simple aster, aster simple; native, Sask-NB, Nfld.
23. *A. subspicatus* Nees (*A. douglasii* Lindl., *A. foliaceus* Lindl.); native, BC-Sask, Ont-NS, Nfld-Labr. 22a. *A. s.* var. *apricus* (Gray) Boivin; native, BC-Alta.
24. *A. tradescanti* L., Tradescant aster, aster de Tradescant; native, Ont-NS, Nfld.
25. *A. umbellatus* Mill., flat-topped aster, aster à ombelles; native, Alta-Nfld.
26. *A. vimineus* Lam., native, Ont-Que.
27. Host species not named, i.e., reported as *Aster* sp.

Aecidium compositarum: on 4 Ont [437]. Probably a specimen of *Uromyces silphii*.

Basidiophora entospora (C:46): downy mildew, mildiou: on 1, 23 BC [1816].

Cercosporella virgaureae: on 8 Man [1352].

Coleosporium asterum (*C. solidaginis*, *C. tussilaginis*) (C:46): red rust, rouille rouge: on 4, 5, 27 NWT-Alta [1063], Mack [53]; on 4, 5, 7, 23, BC [1012]; on 4, 5, 15, 23, 23a BC [1816]; on 4, 27 BC [953, 954], Alta [952]; on 4, 6, 9, 11, 12, 13, 14, 16, 17, 18, 20, 22, 23, 24, 25, 26, 27 Ont [1236]; on 5 Alta [53, 950, 1402]; on 7, 23, BC [2007]; on 14 Que [282]; on 27 Alta [53, 644, 950, 951, 1402], Sask [F63], Man [F68], Ont [F67], Que [282, 1377], NB [333, 1032, 1194], NS [1036].

Entyloma compositarum (C:46): on 21 Yukon [460].

Erysiphe cichoracearum (C:46): powdery mildew, blanc: on 2, 4, 9, 10, 11, 12, 13, 14, 18, 19, 22, 24, 25 Ont and on 10, 12, 13, 18, 22, 24 Que [1257]; on 13 BC [1816]; on 27 Que [333].

E. communis: on 27 Que [333]. Probably a specimen of *E. cichoracearum*.

Leptosphaeria doliolum (C:46): on 27 Que [70].

Macrosporium florigenum: covering flowers of 27 in gardens Ont [439].

Nectria pedicularis (C:46): on 27 Que [70].

Ophiobolus erythrosporus: on 12 Ont [1620]; on 27 Que [70, 1620].

O. fulgidus (C:46): on 27 Ont [1620].

Puccinia sp.: rust, rouille: on 3 Mack [53].

P. asteris (*P. a.* var. *purpurascens*) (C:46): brown rust, rouille brune: on 4, 5, 23 BC [1012, 1816]; on 5 Alta [1839]; on 6, 9, 12, 13, 18, 27 Ont [1236]; on 9 Alta [952]; on 9, 23, 27 Alta [644]; on 12 Ont [437, 1341], Que [282], NB, NS [1032]; on 23 BC, Alta [1578]; on 27 NWT-Alta [1063], Ont [1341], NS [1032].

P. dioicae (C:46): rust, rouille: on 1, 4, 6, 12, 14a, 18, 19, 22, 27 Ont

[1236]; on 4, 15 BC [1012, 1816]; on 12 Ont [1341]; on 27 Alta [557, 644], NB, NS [1036].

Ramularia asteris (C:46): blight, brûlure ramularienne: on 27 Man [380].

Septoria atropurpurea (C:46): leaf spot, tache septorienne: on 12 Ont [1340].

Sphaerotheca fuliginea: powdery mildew, blanc: on 18 Que [1257].

Uromyces junci (C:46): rust, rouille: 0 I on 12 Ont [1236]; on 27 Ont [1341].

U. silphii (C:46): rust, rouille: 0 I on 12 Ont [1236].

ASTRAGALUS L. LEGUMINOSAE

1. *A. aboriginum* Richards.; native, Yukon, BC-Sask, Que. 1a. *A. aboriginum* var. *richardsonii* (Sheld) Boivin.
2. *A. agrestis* Dougl.; native, Yukon-Mack, BC-Ont.
3. *A. alpinus* L., alpine milk vetch, astragale des alpes; native, Yukon-Frank, n. BC-Labr.
4. *A. cicer* L., mountain chick pea, astragale pois chiche; imported from Europe, natzd., s. Alta-Man.
5. *A. eucosmus* Robins.; native, Yukon-Frank, BC-NB.
6. *A. iskanderi* Lipsky; imported from Iraq.
7. *A. lentiginosus* Dougl.; native, BC.
8. *A. lotiflorus* Hook.; native, BC-Man.
9. *A. missouriensis* Nutt.; native, Alta-Man.
10. *A. pectinatus* Dougl.; native, Alta-Man.
11. *A. purshii* Dougl.; native, BC-Sask. 11a. *A. purshii* var. *purshii*; native, Alta-Sask.
12. *A. robbinsii* (Oakes) Gray; native, Yukon-Mack, BC-Labr. 12a. *A. r.* var. *minor* (Hook.) Barneby (*A. r.* var. *occidentalis* S. Wats.); native, Yukon-Mack, BC-Alta.
13. *A. tenellus* Pursh; native, Yukon-Mack, BC-Man.
14. *A. umbellatus* Bunge; native, Yukon-Mack, BC.

Asteromella pichbaueri (C:47): on 3 Frank [1543].

Phloeospora serebrianikowii (Cylindrosporium s.): on 3 Frank [1244].

Polystigma astragali: on 2 BC [1578]; on *A.* sp. Alta [644].

Rhizoctonia leguminicola: on 4 Alta [125]. Blackpatch, not previously known in Canada, was found in 1977 naturally infecting fields in Alta.

Septoria serebrianikowii: on 9 Alta [644].

Sphaerotheca fuliginea (C:47): powdery mildew, blanc: on 3 Que [1257].

Uromyces lapponicus (C:47): rust, rouille: on 1 BC [1012]; III on 10, 13 Alta [644].

U. lapponicus var. *lapponicus*: on 1, 12a Alta, on 1a Frank, and on 5 Que [1589].

U. phacae-frigidae (C:47): rust, rouille: on 14 Yukon, Mack [1588].

U. punctatus: rust, rouille: on 6 Sask and on 7, 8, 11a BC [1587].

ATHYRIUM Roth POLYPODIACEAE

1. *A. felix-femina* (L.) Roth, lady fern, fougère femelle; native, Yukon, BC, Man-Nfld. 1a. *A. f.-f.* var. *michauxii* (Spreng.) Farw. (*A. angustum* (Willd.) Presl); native, Man-Nfld.

Typhula athyrii: on 1a Que [1385].

Uredinopsis longimucronata (C:47): rust, rouille: on 1 BC [1816, 2007, 2008], Alta [2008], II III Ont [1236]; on 1a Que [1377].

U. longimucronata f. *cyclosora* (C:47): rust, rouille: on 1 BC [1012].

AUCUBA Thunb. CORNACEAE

1. *A. japonica* Thunb., Japanese aucuba, aucuba de Japon; imported from the Himalayas and Japan. Evergreen shrubs, often grown for their ornamental foliage and colourful berries.

Botrytis cinerea (holomorph *Botryotinia fuckeliana)*: on 1 BC [1816].

AURINIA Desv. CRUCIFERAE

Biennial or perennial herbs native to central and s. Europe and Turkey. Some grown in rock gardens and borders. Until recently put in the genus *Alyssum*.

1. *A. saxatile* (L.) Desv., golden tuft, corbeille d'or; imported from Europe and Turkey.

Peronospora parasitica: downy mildew, mildiou: on 1 BC [1012].

AVENA L. GRAMINEAE

1. *A. barbata* Pott ex Link, slender wild oats; imported from Mediterranean region.
2. *A. brevis* Roth, little oat, avoine courte; imported from Europe.
3. *A. fatua* L., wild oat, avoine sauvage; imported from Eurasia, natzd., BC-Nfld.
4. *A. longiglumis* Dur.; imported from Mediterranean region.
5. *A. sativa* L. (*A. chinensis* Link), oat, avoine; imported from Mediterranean region, commonly cultivated.
6. *A. sterilis* L. (*A. ludoviciana* Dur.), animated oat, avoine stérile; imported from Mediterranean region and c. Asia.
7. *A. strigosa* Schreb., lopside oat, avoine strigeuse; imported from Europe.
8. Host species not named, i.e., reported as *Avena* sp.

Absidia glauca: on seeds of 5 in storage Sask, Man [1895].

A. orchidis: on seeds of 5 in storage Sask, Man [1895].

Acremonium boreale: on 3, 5 BC, Sask, Man [1707].

Alternaria alternata (A. tenuis s.l.) (C:48): on seeds of 5 Sask, Man [1895] and Man [1114] on overwintered plants.

Aspergillus sp.: on seeds of 5 Alta [222], Man [1894].

A. flavus: on seeds of 5 Sask, Man [1895].

A. fumigatus: on seeds of 5 Sask, Man [1895].

A. versicolor: on seeds of 5 Sask, Man [1895].

Bipolaris sorokiniana (Helminthosporium sativum) (holomorph *Cochliobolus sativus*) (C:48): root rot, piétin helminthosporien: on 5 Alta [223, 334, 335], Sask [961] by inoculation, Man [1114], Ont [336, 252, 330], NS [595] also Sask, Man [240, 1895 on seeds], Alta, NB [333].

Cephalosporium acremonium: on overwintered plants of 5 Man [1114]. This name has been applied to several fungi and its original application is uncertain. The most common fungus in this aggregate has been named *Acremonium strictum* [537] and the references herein probably dealt with that species.

Cercosporidium graminis (Passalora g.) (C:49): brown stripe, strie brune: on 5 Alta, Ont, NB [334] also NB [333, 1196].

Cladosporium sp.: on seeds of 5 Sask, Man [1895].

Cladosporium cladosporioides (C:48): on overwintered plants of 5 Man [1114].

Claviceps sp.: on 3 Alta [1781].

C. purpurea (C:48): ergot, ergot: on 5 BC [1816], Alta [1594], Man [1364]; on flowers of 8 Que [1385].

Colletotrichum dematium: anthracnose, anthracnose: on 5 Alta [1595].

C. graminicola (C:48): anthracnose, anthracnose: on 5 BC, Alta, Que [337] also Alta [335, 339, 693], Man [672], Que [334, 335], NB [1196] and Que, NB [333].

Dendryphion nanum: on 5 Ont [819].

Drechslera avenacea (Helminthosporium avenae) (holomorph *Pyrenophora chaetomioides*) (C:48): leaf blotch or stripe, rayure des feuilles: on 3 Sask, Ont [1611]; on 5 Alta, Sask, Man, Ont, Que, NB, NS, PEI [1611] also BC [1816], Alta [223, 337, 1331, 1333, 1594], Sask [335, 336], Man [339, 672, 1070], NB [273, 1196], NS [337], Nfld [336] also Alta, Nfld [333, 334, 338, 339], Sask, Man [1071, 1895], Ont, Que, NS, PEI [271] and NB, NS, PEI [333, 854]. Leaf spots, caused by *D. avenacea*, *Septoria avenae* f. sp. *avenae* and *Pseudomonas coronafaciens*, the latter a bacterium, reduced the yield in Man in 1971 by 0.7 million bushels [672].

D. teres (Helminthosporium t.) (holomorph *Pyrenophora t.*): on seeds of 5 Sask, Man [1895].

Epicoccum purpurascens (C:48): on 5 Man [1114].

Erysiphe graminis (C:48): powdery mildew, blanc: on 1 Ont [1255, 1257]; on 5 BC [333, 335, 1594, 1816], Ont [338, 339, 1257], Que [335].

Fusarium sp. (C:49): root rot, fusariose: on 5 BC [1816], Alta [223, 333, 334, 335, 1594], Sask [339], Man [334], Que [337], NB, NS, PEI [854].

Fusarium spp. (C:49): including some combinations of *F. acuminatum*, *F. avenaceum*, *F. oxysporum*, *F. poae*, *F. sacchari*, *F. sambucinum*, *F. sporotrichioides*, *F. sulphureum*, *F. tricinctum*, but not necessarily all these taxa: on overwintered plants of 5 Man [1114].

F. culmorum (C:49): root rot, fusariose: on 5 Sask, NS [337].

F. graminearum (holomorph *Gibberella zeae*) (C:49): root rot, fusariose: on 5 PEI [338].

F. nivale: on 5 BC [1731]. See *Agrostis*.

Gonatobotrys simplex: on overwintered plants of 5 Man [1114].

Heterosporium avenae (C:49): leaf blight, brûlure hétérosporienne: on 5 BC [1816].

Hormodendrum sp.: on seeds of 5 Sask, Man [1895].

Mucor spp.: on overwintered plants of 5 Man [1114].

Penicillium spp.: on 5 Alta [222], Man [1114, 1894] also Sask, Man [1895].

Phaeosphaeria avenaria f. sp. *avenaria (Leptosphaeria a.* f. sp. *a.)* (anamorph *Stagonospora avenae*) (C:49): septoria leaf blotch or black stem, septoriose: on 5 Alta, Sask, Ont, PEI [1594] also Ont, Que, NB, NS, PEI [269, 1776] also Ont, Que, NS, PEI [271], Nfld [269] and Ont [257, 270, 283], Que [264, 1297].

Puccinia coronata (C:49): crown rust, rouille couronnée: on 3 Man [336]; II III on 4, 7 Que [1236]; on 5 Sask, Man [336, 337, 338], Ont [255, 258, 263, 334, 336, 641], Que [333, 1298], NB [333, 335, 1196], PEI [336] also Man [672, 1070], Ont, Que [271, 335, 337], NS, PEI [333, 334]; on 5, 8 Ont [1236]. In 1971 crown rust in Man reduced the yield by 0.7 million bushels [672].

P. coronata var. *avenae (P. coronata* f. sp. *avenae)* (C:49): crown rust, rouille couronnée: on 3 Sask [640], Alta [339, 477, 639], Sask, Man, Ont, Que [339, 472, 477, 481, 471, 639, 685, 686, 687, 689, 690, 691, 1533], NS, PEI [639, 640, 692, 691, 854, 1533] also Sask, Man [474, 480, 1071], Ont [257, 271, 260, 474, 473, 1594], Que [480], NB [472, 639], NS [481, 685, 690, 1532], PEI [472, 478] also Man, Ont, Que [476, 478, 479, 482, 640, 692, 1532] and Man

[473, 624, 1059, 1595]; on 8 Sask, Man, Ont, Que [483] and Man [1536] by inoculation. A severe outbreak in e. Ont and w. Que in 1980 and 1981 caused a 29% reduction in kernel weights.

P. graminis (C:50): stem rust, rouille de la tige: on 2, 3, 6, 7, 8 Ont [1236]; on 5 BC, Sask, Man, Ont, Que [336, 338], NB [333] also BC, Que, NS, PEI [333, 334] and BC [1816], Alta [336], Sask [337], Man [672], Ont [334, 335], Que [335]; on 8 ?Que, on oat straw originating in Montreal [1239].

P. graminis ssp. *graminis* var. *stakmanii (P. graminis* f. sp. *avenae)* (C:50): stem rust, rouille de la tige: on 3 Man [614, 1053]; on 5 BC [639, 614, 1044, 1046, 1052, 1055, 1533], Alta [1048, 1052, 1053], Sask, Man [614, 642, 1044, 1047, 1051, 1052, 1053, 1055, 1533], Ont, Que [614, 625, 639, 642, 1044, 1045, 1046, 1054, 1055, 1056, 1057, 1058, 1533, 1594], NB [1057, 1196], NS, PEI [639, 640, 854, 1049] also Man [339, 618, 639, 640, 1045, 1046, 1048, 1049, 1050, 1054, 1056, 1058, 1059, 1071, 1594, 1595], Ont [255, 266, 339, 618, 641, 1047, 1048, 1050, 1052, 1592], Que [339, 638], NS [1047, 1058, 1533]; on 7 BC [639]. The worst epidemic in two decades caused serious crop losses in Man and e. Sask in 1977. An estimated 530,000 ha of the 800,000 ha in the rust area were affected, sustaining losses from 5% to near total loss.

P. recondita: on 5 Ont [337]. Probably a misdetermination of the fungus or host.

Pyrenophora chaetomioides (P. avenae) (anamorph *Drechslera avenacea*) (C:48): leaf blotch or stripe, rayure des feuilles: on 5 Ont [253, 260, 270].

P. tritici-repentis (anamorph *Drechslera t.*): on 5 Ont [1611].

Pythium spp.: on 5 Ont [261].

P. aristosporum: on 5 Ont [261].

P. arrhenomanes: on 5 Ont [261].

P. irregulare: on 5 Ont [261].

P. tardicrescens: on 5 Ont [261].

P. torulosum: on 5 Ont [261].

P. volutum (C:50): on 5 Ont [261].

Rhizopus sp.: on seeds of 5 Man, Sask [1895].

Septoria sp.: on 5 Man [1059].

Stagonospora avenae (Septoria a.) (holomorph *Phaeosphaeria avenaria*) (C:49): on 5 BC, Ont, Que, NB, NS [639, 640, 1533], PEI [1533] also Man [1533], Que [1298], NB, NS, PEI [272, 273, 854] also Man, PEI, Nfld [639] and NB [1196]; on 8 Que [110, 281, 1294].

S. avenae f. sp. *avenae (Septoria a.* f. sp. *a.)* (holomorph *Phaeosphaeria avenaria* f. sp. *avenaria*) (C:49): septoria leaf blotch or black stem, septoriose: on 5 Alta, Man, NB, NS, PEI, Nfld [333], Sask, Ont, PEI [334] also Sask [1071], Man [335, 336, 672, 1070, 1071, 1533], Ont [255, 258, 263, 266, 335], Que [326, 327, 338, 1298], NS [337], PEI [266], Nfld [335, 337] and Sask, Ont [336, 337, 338, 339]; on 8 Ont, Que, NB [265] and Ont [254]. See comment under *Drechslera avenacea*.

Streptomyces sp.: on seeds of 5 Sask, Man [1895].

Thanatephorus cucumeris (Pellicularia filamentosa, P. praticola) (anamorph *Rhizoctonia solani*): on 5 Sask [1874].

Thielaviopsis basicola: on 5 Ont [546].

Ustilago sp.: smut, charbon: on 5 Sask, Man [1071].

U. avenae (C:50): loose smut, charbon nu: on 5 BC [1816], Alta [223], Sask [333, 336], Man [1020, 1021, 1022, 1023, 1888], NB [1196], Nfld [334, 339] also Alta, PEI [333, 334], Sask, Man [121, 334, 338, 1178], NB, NS [333] and Man, NB [337, 339]; on 8 BC, Sask [1178].

U. kolleri (U. hordei sensu lat., *U. levis)* (C:50): covered smut, charbon couvert: on 5 BC [1816], Alta, Sask [333, 334, 1594], Man [334, 339, 1020, 1021, 1022, 1023, 1178, 1888, 1889, 1890, 1892], NB, NS, PEI [333, 854] also Sask [336, 338, 1178, 1838], NB [1196], PEI, Nfld [334].

AXYRIS L. CHENOPODIACEAE

1. *A. amaranthoides* L., russian pigweed, ansérine de Russie; imported from Eurasia, natzd., Mack, BC-PEI.

Mycosphaerella tassiana var. *tassiana*: on 1 Sask [1327].

BACCHARIS L. COMPOSITAE

1. *B. halimifolia* L., groundsel tree, bacchante de Virginie; native to the e. USA. Sometimes planted as an ornamental for the more or less persistent foliage or profuse flowers.

Meruliopsis corium: on 1 BC [568]. See *Acer*.

BALSAMORHIZA Nutt. COMPOSITAE

1. *B. sagittata* (Pursh) Nutt., balsam root; native, BC-Alta.

Puccinia balsamorhizae (C:51): rust, rouille: on 1 BC [644, 1012, 1241, 1256, 1816]; on *B.* sp. BC [1249].

BAMBUSA Schreber GRAMINEAE

Stout, tall, clump-forming perennial grasses native to tropical and subtropical Asia with a few species in Mexico and South America. Used as ornamentals, and in the tropics as timber and sources of pulp. Young stems of some species are edible.

Eurotium sp.: on *B.* sp. BC [1012].

BARTSIA L. SCROPHULARIACEAE

1. *B. alpina* L., velvet bells; native, Frank, n. Man-Que, Nfld-Labr.

Melasmia mougeotii: on 1 Que [1554].

Ramularia bartsiae: on 1 Que [1554].

BECKMANNIA Host GRAMINEAE

1. *B. erucaeformis* (L.) Host; imported from Eurasia.
2. *B. syzigachne* (Steud.) Fern., slough grass, beckmannie à écailles unies; native, Yukon-Mack, BC-Que, NS-PEI.

Acremonium boreale: on 2 BC, Alta, Sask [1707].

Drechslera tritici-repentis (holomorph *Pyrenophora t.*) (C:52): on 2 Alta [1611].

Erysiphe sp.: powdery mildew, blanc: on 2 Yukon [460].

E. graminis (C:52): powdery mildew, blanc: on 1, 2 Sask [1257]; on 2 Sask [1255].

Helminthosporium sp.: on 2 BC [1728]. Specimen was probably a *Drechslera* sp. or *Bipolaris* sp.

Physoderma beckmanniae: on 2 BC [1728].

BEGONIA L. BEGONIACEAE

1. *B. tuberhybrida* Voss; hybrid tuberous begonia, used here as referring to horticultural tuberous-rooted begonias.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:52): gray mold, moisissure grise: on 1 BC [1816], Ont [163], Que [337]; on *B.* sp. Alta [338], Ont [334].

Erysiphe cichoracearum (C:52): powdery mildew, blanc: on 1 Sask [339]; on *B.* sp. Alta [333, 1594], Ont [333, 1257, 1806], Que [333, 337, 338, 1257].

E. communis (C:52): on *B.* sp. Ont [334, 335], Que [335]. Probably misdetermined specimens of *E. cichoracearum*.

Oidium sp.: powdery mildew, blanc: on 1 BC [1816]. Conidial state of Erysiphales.

BERBERIS L. BERBERIDACEAE

1. *B.* x *emarginata* Willd.; a hybrid between *B. sibirica* Pall. and *B. vulgaris*.
2. *B. thunbergii* DC., Japanese barberry, épine-vinette du Japon; imported from Japan.
3. *B. vulgaris* L., barberry, épine-vinette commune; imported from Europe, natzd., BC, s. Man-PEI. 3a. *B. v.* cv. *macrophylla (B. macrophylla* Hort.).
4. *B. wilsoniae* Hemsl., Wilson barberry, vinettier de Lady Wilson; imported from China.
5. Host species not named, i.e., reported as *Berberis* sp.

See also *MAHONIA* and *MAHOBERBERIS*

Coccomyces dentatus: on 5 BC [1609].

Cucurbitaria berberidis: on 5 Ont [1827].

Dothidella berberidis (C:53): canker, chancre: on 4 BC [1816].

Dothiorella ?ribis: on 2 Que [333].

Kabatiella berberidis (Gloeosporium b.): on 3 Ont [336], Que [334]. Probably a species of *Aureobasidium* [376, p. 193].

Phyllactinia guttata: powdery mildew, blanc: on 3 Ont [1257].

Phyllosticta berberidis (C:53): leaf spot, tache foliaire: on 5 Que [335].

Puccinia graminis (C:53): rust, rouille: 0 I on 1, 3, 3a Ont [1236]; on 3 Ont [335, 337], Que [276, 337], NB [333]; on 5 BC [1816], Ont [1828].

P. graminis f. sp. *avenae*: on 3 Ont [641], Man [638] by inoculation.

P. graminis f. sp. *tritici*: I on 3 NB [1196].

Thyronectria lamyi: on 3 Ont [175].

Verticillium albo-atrum (C:53): wilt, flétrissure verticillienne: on 3 BC [336]; on 5 Ont [333].

V. dahliae: on 2 Que [337].

BETA L. CHENOPODIACEAE

1. *B. vulgaris* L.; native to the coasts of Europe, often cultivated. 1a. table beet, betterave potagère. 1b. sugar beet, betterave à sucre. 1c. *B. v.* var. *cicla* L., swiss chard, poirée à carde.

Alternaria alternata (A. tenuis auct.*)* (C:54): leaf spot, tache alternarienna: on 1a Ont [1460, 1594], Que [1651]; on 1b Que [336]; on 1c NS [337].

Aphanomyces cochlioides (C:53): root rot, pourriture des racines: on 1a, 1b Que [312, 313, 314, 315, 317, 1594].

Ascochyta betae (C:53): on 1a BC [1816].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:53): on 1a Ont [1460, 1594].

Cercospora beticola (C:53): leaf spot, tache cercosporéenne: on 1, 1a, 1b BC [1816]; on 1 Ont, Que [333, 335] and Que [336, 1639], Nfld [335]; on 1a Ont [1460, 1594], NS [338, 1594]; on 1b Man [336], Ont [333, 334, 336, 339], Que [335].

Colletotrichum coccodes (C. atramentarium): on 1a NS [593].

C. dematium: on 1a NS [593].

Erysiphe sp.: powdery mildew, blanc: on 1b Alta [705].

Fusarium sp. (C:54): on 1a Ont [1460, 1461, 1594, 1595]; on 1b Alta [1594].

F. oxysporum (C:54): on 1b Alta [335].

Peronospora farinosa (C:54): downy mildew, mildiou: on 1a BC [1816].

Phoma sp.: on 1a, 1b Alta [1594].

P. betae (holomorph *Pleospora betae*) (C:54): black leg, jambe noire: on 1 Alta [336], NS [335, 336]; on 1, 1a, 1b, 1c BC [1816]; on 1b Alta [333, 334], Que [338].

Polymyxa betae f. sp. *betae*: on 1 Ont [60].

Pythium spp.: on 1a Ont [1460, 1461, 1595]; on 1b Alta [335, 1594].

P. aphanidermatum (C:54): root rot, pourriture pythienne: on 1 BC [1594]; on 1a Ont [1813].

Ramularia beticola (C:54): leaf spot, tache ramularienne: on 1, 1a, 1b, 1c BC [1816]; on 1b BC [337, 339].

Rhizoctonia solani (holomorph *Thanatophorus cucumeris*) (C:54): damping off or seedling blight, fonte des semis ou brûlure des plantules: on 1 Alta [243], Ont [336]; on 1a Ont [1461, 1594]; on 1a, 1b Que [312, 313, 314, 315, 317, 1594]; on 1b Alta [1594], Que [333, 338].

Rhizopus sp. (C:54): on 1 BC [1816]; on 1b Alta [1594].

Scopulariopsis canadensis: on 1 BC [1148].

Septoria betae (C:54): leaf spot, tache septorienne: on 1, 1b, 1c BC [1816].

Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:54): on 1 BC [1816]; on 1, 1c Ont [667].

Streptomyces scabies (C:54): scab, gale commune: on 1 NS [333, 336]; on 1a Que [337], NB [339], NS [338]; on 1b BC [1816], Alta, Que, NS [334].

Ulocladium consortiale (Stemphylium c.): on 1, 1c Ont [667] isolated from seeds.

Uromyces betae (C:54): rust, rouille: on 1, 1a, 1b, 1c BC [1816].

Verticillium albo-atrum (C:54): on 1 Que [333].

V. nigrescens: on 1a, 1b Que [38, 392, 393]; on 1b Que [749].

BETULA L. BETULACEAE

1. *B. alleghaniensis* Britt. (*B. lutea* Michx. f.), yellow birch, merisier; native, Ont-Nfld.
2. *B. borealis* Spach, northern birch, bouleau boréal; native, Que, Nfld-Labr.
3. *B. glandulosa* Michx., dwarf birch, bouleau glanduleux; native, Yukon-Keew, BC-n. NS, Nfld-Labr.
4. *B. lenta* L., cherry birch, bouleau acajou; native, s. Ont-s. Que.
5. *B. occidentalis* Hook., water birch, merisier rouge; native, Yukon-Mack, BC-Man.
6. *B. papyrifera* Marsh., white birch, bouleau à papier; native, Yukon-Mack, BC-Labr. 6a. *B. p.* var. *kenaica* (W.H. Evans) A. Henry, Kenai birch; native to Alaska. 6b. *B. p.* var. *neoalaskana* (Sarg.) Raup (*A. resinifera* (Reg.) Britt., *B. p.* var. *humilis* Fern.) alaska birch, bouleau de l'Alaska; native, Yukon-Mack, n. BC-nw. Ont.
7. *B. pendula* Roth (*B. alba* L., *B. alba* var. *pendula*), European birch, bouleau pleureur; imported from Europe and Asia Minor. 7a. *B. p.* cv. *gracilis*. 7b. *B. p.* cv. *purpurea* (*B. alba* var. *atro-purpurea* H. Jaeg.).
8. *B. populifolia* Marsh., gray birch, bouleau gris; native, e. Ont-PEI. 8a. x *B. caerulea-grandis* Blanch., blue birch; Que, NS and PEI.
9. *B. pumila* L., swamp or low birch, bouleau nain; native, Yukon-Mack, BC-Nfld. 9a. *B. p.* var. *glandulifera* Regel (*B. glandulifera* (Regel) Butler), swamp birch, bouleau de savane; native, Yukon-Mack, BC-Que, Labr.
10. Host species not named, i.e., reported as *Betula* sp.

Acrostalagmus sp.: on 1 Que [941].

Acrostaphylus sp.: on 6 Que [1634].

Agrocybe firma (Naucoria f.) (C:57): on 10 NS [1032].

Aleurodiscus canadensis: on 6 Ont [1341]. See *Abies*.

Alternaria sp.: on 1 Que [945].

Amphinema byssoides: on 10 Que [969]. Typically on well rotted wood and duff. See *Abies*.

Amphisphaeria sp.: on 1 Ont [1340, 1828].

Anthostoma sp.: on 10 NWT-Alta [1063], Alta [53].

Antrodia crustulina (Poria c.): on 6 Mack [1110]. See *Abies*.

A. lindbladii (Poria cinerascens): on 6 NS [1032]. See *Abies*.

A. serialis (Trametes s.): on 6 NWT-Alta [1063]. See *Abies*.

Aporpium caryae (C:55): on 1 NS [1032]. Associated with a white rot.

Armillaria sp.: on 6 Que [F61].

A. mellea (C:55): root rot, pourridié-agaric: on 1, 6 Ont [6, 1341]; on 1 Que [1376, F70], NS [1739]; on 6 BC [1012], Que [F68, F70], Nfld [1659, 1660, 1661]; on 10 NS [1032]. See *Abies*.

Arthrographis cuboidea: on 10 Ont [1635].

Ascocoryne sarcoides (Coryne s.): on 1 Que [941]; on 10 Ont [1340]. Lignicolous, typically on dead wood.

Aspergillus fumigatus: on 10 NB [1610].

Asterodon ferruginosus (C:55): on 10 BC [1012]. See *Abies*.

Asteroma microspermum (Cylindrosporella m., Gloeosporium betulae-luteae) (C:56): leaf spot, tache des feuilles: on 1 Que [F62], NB, NS, PEI [1032]; on 6 Que [F68]; on 10 Que [334].

Asterosporium asterospermum (A. hoffmanii): on 10 Man [F66].

A. betulinum: on 1 Ont [1340]; on 1 twigs NB, NS [1763]; on 6 Ont [1340].

Athelia epiphylla (Corticium e.): on 6 Mack [53]. See *Abies*.

A. neuhoffii: on 10 Que [969]. See *Abies*.

Atopospora betulina (Euryachora b., Rehmiellopsis b., Rehmiodothis b.)

(C:55): tar spot, tache goudronneuse: on 3 Yukon [298, 460], Mack [53], Alta [F63, F65], Ont [298, 1340], Que [70, 298]; on 3, 5, 6, 10 NWT-Alta [1063]; on 6 BC [298, 954], Sask, Man [F66, F67, F68], Ont [1340, F68]; on 6 Sask [F71]; on 9 Sask, Man [F68]; on 9a Sask, Man [F66, F67], Ont [298]; on 10 Yukon [F69], Mack [53], Alta [53, 298], Ont [298, 1340], Ont, Que, Nfld [73] on leaves.

Aureobasidium pullulans: on 1 Ont [945].

Bactrodesmium betulicola: on 5, 6, 10 Sask and 6, 9a, 10 Man [1760].

Basidiodendron eyrei: on 1 Que [1016]. See *Acer*.

Basidioradulum radula (Radulum orbiculare) (C:59): on 6 PEI [1032]. See *Abies*.

Bispora betulina: on 10 NB [1610].

Bisporella citrina (Helotium c.) (C:57): on 6 Ont [1340].

Bjerkandera adusta (Polyporus a.) (C:58): white mottled rot, carie blanche madrée: on 1, 6, 10 Ont [1341], NB [1032]; on 6 BC [1012]; on 10 NS [1032].

B. fumosa (Polyporus f.) (C:58): on 6 BC [1012]. See *Acer*.

Botryobasidium subcoronatum: on 10 Que [969]. Associated with a white rot.

B. vagum: on 1 Ont [1341]; on 10 Que [969]. See *Abies*.

Botryohypochnus isabellinus (Botryobasidium i.): on 10 Ont [1341]. See *Abies*.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*): on 1 NB [1036].

Brachysporium obovatum: on 1 Que [828].

B. nigrum: on 10 BC [827].

Byssocorticium atrovirens: on 10 Ont [1341]. Typically on rotted wood and duff.

Cacumisporium capitulatum: on 6 Man [1760], Ont [586].

Calocera cornea (C:55): on 5 Ont [1341]; on 10 NS [1032]. See *Acer*.

Camarographium sp.: on 6 Ont [1340].

Cephalosporium sp.: on 1 Que [941, 945].

Ceraceomyces borealis: on 6 Que and on 10 Ont [568]. See *Abies*.

C. serpens: on 1 NS and on 10 Ont [568]. See *Abies*.

Ceratocystis sp.: on 1 Ont [1828].

C. fimbriata: on 6 Man [1190].

C. introcitrina: on 6 Man [1190].

C. olivacea: on 6 Ont [647, 1340].

C. piceae: on 6 Ont [647, 1340].

C. pilifera: on 1 Ont [647], Que [1340].

Ceriporia tarda (Poria semitincta) (C:59): on 10 NS [1032]. See *Abies*.

Cerocorticium confluens (Corticium c.): on 6 Mack [1110]. Lignicolous.

Cerrena unicolor (Daedalea u.): on 1 Ont [1341], Que [1376]; on 6 NWT-Alta [1063], Mack [53, 1110], BC [1012], Alta [53], Man [1855], Ont [1341], Que [1855], PEI [1032], Nfld [1659, 1660, 1661], Labr [1855]; on 10 Yukon [460], NWT-Alta [1063], Mack [53], BC [1341], Alta [53], Ont [1341, 1828, 1855], NB, NS, PEI [1032]. See *Acer*.

Chalara sp.: on 1 Que [941].

Chlorociboria aeruginosa: on 1, 6, 10 Ont [1340].

Chlorosplenium aeruginosum (C:55): on 10 NB, NS [1032].

C. versiforme (Midotis v.): on 10 Ont [1340].

Chondrostereum purpureum (Stereum p.) (C:59): silver leaf, plomb: on 1, 6 Ont [1341]; on 1 Que [282, 945]; on 6 Yukon [460], BC [1012], NWT-Alta [1063], NB [1032], Nfld [1659, 1660, 1661]; on 8 NB, NS [1032]; on 10 BC [1341], Que [969]. See *Abies*.

Ciboria betulicola: on 10 Ont [429, 431, 662], Que [426, 662].

C. peckiana (Rutstroemia macrospora): on 1 Ont, Que [1340].

Cladosporium sp.: on 10 NB [1610].

Clavicorona pyxidata: on 1 Ont [408]. Associated with a white rot.

Climacodon septentrionalis (Hydnum s.): on 1 Que [1377]. Typically on *Acer*, often fruiting on wounds on live trees. See *Acer*.

Coccomyces coronatus: on 6 Ont [1340].

Coltricia perennis (Polyporus p.): on 10 NB [1032]. See *Abies*.

Coniophora sp.: on 10 Ont [1341]. Associated with a brown rot.

C. puteana: on 10 Ont [1828]. Sometimes causing a brown rot in live trees. See *Abies*.

Coniothyrium sp.: on 1 Ont [770].

Conoplea fusca: on 6 Man [1760]; on 10 Sask [F66].

C. geniculata: on 6 Man [1760].

C. olivacea: on 6 Man [1760].

C. sphaerica (C:55): on 10 Que [784].

Cordana pauciseptata (C:55): on 6 Que [796].

Coriolus hirsutus (Polyporus h.) (C:58): white spongy rot, carie blanche spongieuse: on 1, 6, 10 Ont [1341]; on 1 Que [1390]; on 1, 8, 10 NS [1032]; on 6 NWT-Alta [1063], BC [1012]; on 10 Alta [426], Ont [830].

C. pubescens (Polyporus p., P. velutinus) (C:59): white spongy rot, carie blanche spongieuse: on 1, 6 Ont [1341]; on 1 NB, MS [1032]; on 5 BC [1341]; on 6, 10 NWT-Alta [1063]; on 6 BC [1012], Alta [426], Nfld [1659, 1660, 1661]; on 8 NS [1032]; on 10 Nfld [1659, 1660].

C. versicolor (Polyporus v.) (C:59): white spongy rot, carie blanche spongieuse: on 1, 6, 10 Ont [1341]; on 1 Que [1390, 1377], NB, NS, PEI [1032]; on 6 NWT-Alta [1063], BC [1012], NB, NS, PEI [1032], Nfld [1661]; on 7 PEI [1032]; on 8 Que [1390], NB, NS [1032]; on 10 NB, NS [1032], Nfld [1659, 1660].

C. zonatus (Polyporus z.): on 6 Alta [53]; on 6, 8 NS [1032]. Associated with a white rot.

Corticium sp.: on 1 NS [1032].

C. centrifugum: on 6 NWT-Alta [1063]. This name has been applied to several fungi. See *Abies*.

Corynespora bramleyi: on 6 Ont [1340].

C. cespitosa: on 6, 10 Man [1760].

Crepidotus sp.: on 10 NWT-Alta [1063].

C. albescens (C. phaseoliformis): on 10 Ont [724].

Cryptendoxyla hypophloia: on 1 Que [1165] under bark of dead tree; on 10 Ont [1040].

Cryptocline betularum (Gloeosporium b.) (C:57): on 10 Que [333], NB [1032].

Cryptospora alnicola: on 10 Man [1340, F66].

Cryptosporiopsis sp.: on 1 NB [1032].

Cylindrobasidium evolvens (Corticium e., C. laeve) (C:56): on 1 Que [945]; on 10 NB [1610]. See *Abies*.

Cylindrosporella sp.: on 1 Que and on 9a Man [F67].

C. leptothyrioides: on 6 Sask [F65].

Cylindrosporium sp.: on 6 Ont [1340], NB [1032, F76], NS [1032].

C. betulae (C:56): leaf spot, tache des feuilles: on 6 Ont [282, F61], NB [1032, 1036], Nfld [1659, 1660, 1661, F65, F68, F73, F74].

Cyphellopsis anomala (Solenia a.) (C:59): on 6 Ont [1341]. Lignicolous, probably saprophytic.

Cystostereum murraii (Stereum m.) (C:59): on 1 Que [941, 1376, 1377], NB [1032], NS [1739]; on 1, 6, 8, 10 NS [1032]; on 1, 6, 10 Ont [1341]; on 10 Que [969], NB [1032], Nfld [1660]. See *Acer*.

Cytidia salicina: on 6 Ont [1341]. Lignicolous, typically on dead branches and stems, esp. of *Salix*.

Cytospora sp.: on 1 Ont [770], Que [941, 945]; on 6 NWT-Alta [1063]; on 7 Alta [338]; on 10 BC [1012].

Daedaleopsis confragosa (Daedalea c.) (C:56): white spongy rot, carie blanche spongieuse: on 1, 6, 10 Ont [1341]; on 1 Que [1391]; on 6 BC [1012]; on 8 Que [1391]; on 1, 10 NB, NS, PEI [1032].

Daldinia concentrica (C:56): on 1, 6 Ont [1340]; on 10 NS [1032].

D. vernicosa: on 6 Ont [1828].

Datronia mollis (Trametes m.): on 1 Ont [1341], Que [1391]; on 6 NWT-Alta [1063], BC [1012], Alta [53, 579]. See *Acer*.

Dendrothele microspora (Aleurocorticium m.): on 1 Que [965].

Dendryphiopsis atra: on 6 Man [1760].

Dermea molliuscula (Dermatea m.) (C:56): on 1 Ont [654], NB, NS [1032]; on 1, 6 Que [654, 1340]; on 1, 10 NS [654].

Diaporthe alleghaniensis: on 1, 4, 6 Ont [14]; on 1 Ont [9, F68], Que [9, 14], NB, NS [14]; on 1, 10 Ont [1827].

D. beckhausii: on 10 Man [1340, F66].

D. eres f. sp. *betulae*: on 1 Ont [771].

Diatrype stigma (C:56): on 1, 6 Ont [1340]; on 1 NB [1032]; on 10 Ont [1494], NS [1032].

Diatrypella sp.: on 3, 6 Ont [1340].

D. betulina (C:56): on 1, 6 Ont [1340]; on 1 NB [1032]; on 6 BC [1012], Ont [1827], Nfld [1659, 1660, 1661]; on 10 NS [1032].

D. decorata (C:56): canker, chancre diatrypelléen: on 3 NWT-Alta [1063].

D. discoidea (C:56): on 10 NS [1032].

D. favacea (C:56): on 1 Ont [1340], Que [F71]; on 6 Ont [1340, 1828, 1827, F68]; on 10 Ont [1340], NS [1032].

Dichomera sp.: on 6 Ont [1340].

Didymochora betulina: on 3 Ont [1340].

Discina korfii: on 1 Ont [567].

Discula betulina (Gloeosporium betulicola) (C:57): anthracnose, anthracnose: on 6 Que [F62], NB, PEI [1036]; on 10 PEI [F76].

Disculina betulina (Cryptosporium b., C. neesii var. *betulinum)* (C:56): on 6 Ont [1340]; on 7 Ont [1827]; on 10 Man [F66].

Durandiella seriata (Godronia s.): on 6 Sask [F65].

Endophragmiella biseptata: on 1 Que [802].

Epicoccum sp.: on 1 Que [945]; on 6 BC [1012].

E. purpurascens (E. nigrum): on 1 NB [1032, 1036]; on 6 Sask [1760].

Eutypella sp.: on 6, 10 NWT-Alta [1063]; on 10 Alta [951].

E. angulosa (C:56): on 1, 6 Ont [1340]; on 6, 10 NWT-Alta [1063]; on 6 BC [1012], Alta [53], Ont [1828]; on 10 Mack [53], Alta [F62].

E. parasitica: on 1 Que [1377].

Exidia sp.: on 3 Yukon [460].

E. candida: on 3 BC [1012]; on 10 NWT-Alta [1063], Mack [53]. Lignicolous, probably saprophytic.

E. glandulosa (E. spiculosa): on 1 Ont [1341]. Lignicolous, probably saprophytic.

Favolus alveolaris (C:56): on 1 NB [1032]; on 6 Ont [1341]. See *Acer*.

Femsjonia peziziformis (F. luteoalba): on 1 Ont [1341], NS [1032]; on 10 Que [1385] on dead wood, NS [1032]. Lignicolous, probably saprophytic.

Fenestella fenestrata (F. princeps) (C:56): on 10 Sask [1340].

Flammula sp.: on 6 BC [1012]. Specimen would probably be redetermined as *Gymnopilus* or *Pholiota*.

Flaviporus semisupinus (Polyporus s.) (C:59): on 1, 10 NS [1032]. Associated with a white rot.

Fomes sp.: on 6 Nfld [1660, 1661]. Lignicolous.

F. fomentarius (C:56): white mottled rot, carie blanche madrée: on 1 Ont [10, 771], Que [941, 1391, 1376]; on 1, 6, 10 Ont [1341]; on 1, 6 Nfld [1659, 1660, 1661]; on 5 BC [1341]; on 6 Yukon [460], Mack [F61], BC [953, 1012], Alta [53, F61], NB, NS, PEI [1032]; on 6, 10 NWT-Alta [1063], Mack [53]; on 6, 7 Que [282]; on 8 NB, NS [1032]; on 10 Que [1377, 1385 on dead trunk].

Fomitopsis pinicola (Fomes p.) (C:56): on 1, 6, 10 Ont [1341]; on 1 Que [1376, 1391], NB, NS [1032]; on 6 NWT-Alta [1063], BC [1012], NB, NS [1032], Nfld [1659, 1660, 1661]; on 8 NB [1032]; on 10 Que [1377], NS [1032]. See *Abies*.

F. rosea (Fomes r.): on 1 Ont [1341]. See *Abies*.

Fusarium sp.: on 1 Que [941, 945].

Fusicoccum sp.: on 1 Ont [1827], NB [1032].

F. betulinum: on 1 NB [1032].

Galzinia incrustans: on 6 BC [1012]. Lignicolous, probably saprophytic.

Ganoderma applanatum (Fomes a.) (C:56): white mottled rot, carie blanche madrée: on 1, 6, 10 Ont [1341]; on 1 Que [282, 1377], NB, NS, PEI [1032]; on 6, 10 Mack [579]; on 6 BC [1012], Que [1634], NS, PEI [1032], Nfld [1659, 1660, 1661]; on 8 PEI [1032]; on 10 NS [1032].

G. lucidum (C:56): on 1 Ont [1341], NB [1032]. See *Abies*.

Gelatinosporium sp.: on 1 Ont [770, 1340]; on 6 NB [1032].

G. fulvum (holomorph *Dermea molliuscula*) (C:56): on 1 Ont [1340].

G. magnum (C:56): on 1 Ont [1340].

Gliocladium sp.: on 6 Que [1634].

G. viride: on 10 NB [1610].

Gloeophyllum sepiarium (Lenzites s.) (C:57): on 6 BC [1012], NWT-Alta [1063]. See *Abies*.

Gloeoporus dichrous (Polyporus d.) (C:58): on 1, 6 Ont [1341]; on 6 Yukon [460, 579], Mack [1110], BC [1012]; on 6, 10 NWT-Alta [1063], Mack [53]. See *Acer*.

G. pannocinctus (Poria p.): on 6 BC [1012]. See *Alnus*.

Gloeosporium sp.: on 6 BC [1012], Ont [1340], Que [F75], Nfld [1661].

Gnomonia intermedia (C:57): on 3 Ont [70].

G. intermedia var. *intermedia*: on 10 Ont, Que [79].

Godronia sp.: on 1, 6 Que [F76].

G. cassandrae: on 6, 8 Que [1678]. Very probably f. *betulicola*.

G. cassandrae f. *betulicola*: on 1, 6 Que [1678, 1684, F68]; on 6, 8 Que [1680]; on 8 Que [1684, F68]. See comment under *Alnus*.

G. fuliginosa: inoculated on 1, 8 Que and on 6 Que [1684].

G. multispora: on 6, 7 Ont [656]; on 6 Que [F70].

Graphium sp.: on 1 Que [941]; on 10 NB [1610].

Gymnopilus spectabilis (Pholiota s.) (C:58): on 1 Que [941], NB, NS [1032]; on 6 BC [1012]. See *Acer*.

Gyromitra infula (C:57): on 10 NS [566, 1032]. Probably on well-rotted wood.

Haematostereum guasapatum: on 10 PEI [1032]. See *Alnus*.

H. rugosum (Stereum r.): on 6 Nfld [1659, 1660, 1661]; on 6, 8, 10 NS [1032]. See *Abies*.

Haplographium delicatum (holomorph *Hyaloscypha dematiicola*): on 6 Man [1760].

Hapalopilus nidulans (Polyporus n.) (C:58): on 1, 6 Ont [1341]; on 1, 10 NS [1032]; on 6 Mack [1110], Ont [F63]. See *Abies*.

Helicogloea lagerheimii (C:57): on 10 BC [1012]. Lignicolous.

Helminthosporium velutinum: on 6 Ont [810].

Hemimyriangium betulae: on 6 Sask, Man [F67, F69], Ont [1340, F67, F68]; on 9a Sask, Man [F67]; on 10 Sask, Man [F66], Ont [1448].

Hericium sp.: on 10 NWT-Alta [1063]. Lignicolous.

H. americanum (H. coralloides N. Amer. auct.*)* (C:57): on 10 NB, NS, PEI [1032]. See *Acer*.

H. coralloides (H. laciniatum, H. ramosum) (C:57): white spongy rot, carie blanche spongieuse: on 1 NS [1032]; on 6 NWT-Alta [1063]; on 10 BC [1012], Alta [712], Que [1385] on dead trunks.

H. erinaceus (C:57): on 1 NB [1032]. Specimen probably a form of *H. americanum*. See comment under *Acer*.

Heterochaetella dubia: on 10 Ont [1015]. Lignicolous.

Hohenbuehelia angustata: on rotted wood of 10 Que [1385]. Naematophagous.

Hyalopesotum introcitrina: on 6 Man [1842].

Hyaloscypha hyalina (Lachnella h.): on 1 Ont [1340].

Hymenochaete agglutinans: on 1 NB [1032]. See *Alnus*.

H. badioferruginea (C:57): on 6, 10 NS [1032]. See *Abies*.

H. corrugata (C:57): on 1, 6 Ont [1341]; on 10 NS [1032]. See *Abies*.

H. tabacina (C:57): on 1 Ont [1341]; on 6 NS [1032], Nfld [1659, 1660, 1661]; on 10 BC [1012], NB, NS [1032]. See *Abies*.

Hyphoderma argillaceum: on 10 Que [969]. Associated with a white rot.

H. heterocystidium (Peniophora h.): on 6 Ont [1341]. Lignicolous.

H. praetermissum (H. tenue): on 10 Que [969]. See *Abies*.

H. setigerum (Peniophora aspera) (C:58): on 1 NB, NS [1032]; on 6 BC [1012], PEI [1032], Nfld [1659, 1660, 1661]; on 10 NS [1032]. See *Abies*.

Hyphodontia alienata: on 10 Que [969]. Lignicolous.

H. arguta (Odontia a.): on 1 NB, PEI [1032]. See *Abies*.

H. breviseta: on 10 NS [1032]. See *Abies*.

H. crustosa (Odontia c.): on 10 NS [1032]. See *Abies*.

H. pallidula: on 10 Que [969]. See *Abies*.

H. spathulata (Odontia s.) (C:58): on 6 BC [1012]. See *Abies*.

Hypholoma dispersum (Naematoloma d.): on 6 BC [1012]. Lignicolous.

H. fasciculare (Naematoloma f.) (C:57): white spongy rot, carie blanche spongieuse: on 6 BC [1012].

Hypochnicium vellereum (Corticium v.): on 1 Que [941]. See *Acer*.

Hypocrea citrina: on 6 NS [1032].

Hypoxylon sp.: on 1 Que [945]; on 6 BC [1012]; on 10 NB [1032].

H. deustum (Ustulina vulgaris) (C:57): brittle white rot, carie blanche friable: on 1 Ont [1340], NB [1032], NS [1032, 1739].

H. fuscum (C:57): on 6 Ont [1340]; on 10 Man [F66].

H. mammatum (H. pruinatum) (C:57): on 1, 6 Ont [1340]; on 1 NB [1032]; on 6 Sask [F68]; on 10 Sask, Man [F66].

H. mediterraneum: on 1 Ont [1828].

H. multiforme (C:57): on 1, 6 Ont [1340], Nfld [1659, 1660, 1661]; on 1 NB, NS, PEI [1032]; on 10 BC [1012], Que [282], PEI [1032].

H. rubiginosum: on 1 Ont [1340]; on 10 NB [1610].

Hysterium pulicare (C:57): on 1 Ont [1340]; on 10 NS [1032].

Hysterographium sp.: on 10 Que [282].

Hysteropatella minor (C:57): on 10 NS [1032].

Inonotus cuticularis (Polyporus c.) (C:58): white spongy rot, carie blanche spongieuse: on 1 Ont [1341], NB [1032]; on 6 BC [1012].

I. glomeratus (Polyporus g.): on 1 Que [941]; on 6 BC [1012]. See *Acer*.

I. obliquus (Poria o.) (C:59): white spongy rot, carie blanche spongieuse: on 1 Que [941, 948, 1377, 1376], NS [1739]; on 1, 6 Ont [1341], NB, NS, PEI [1032]; on 6 NWT-Alta [1063], Mack [53, 1110], BC [1012], Sask, Man [F67], Ont [F64], Que [1377, 1634]; on 6, 8 Que [F67]; on 10 NS [1032].

I. radiatus (Polyporus r.) (C:59): on 1, 6 Ont [1341]; on 1, 8, 10 NB [1032]; on 1, 6, 10 NS [1032]. See *Acer*.

Intextomyces contiguus: on 6 BC [1012]. Lignicolous.

Irpex lacteus (Polyporus tulipiferae) (C:59): on 1, 6 Ont [1341]; on 1, 8 Que [1390]; on 6 NWT-Alta [1063], Mack [1110], BC [1012], NB [1032]; on 10 NS [1032]. See *Acer*.

Ischnoderma resinosus (Polyporus r.) (C:59): on 1, 6 Ont [1341]. See *Abies*.

Junghuhnia nitida (Poria attenuata): on 1, 10 NS [1032]. See *Acer*.

Kabatiella apocrypta (Gloeosporium a.): on 6 Nfld [1660, 1661].

Kuehneromyces mutabilis (Pholiota m.) (C:58): on 10 NS [1032], on 1 NS [1658]. See *Alnus*.

K. lignicola: on 6 NS [1032]. Reported as *K. vernalis* an illegitmate name.

Laeticorticium violaceum (Dendrocorticium v.): on 1 Ont [930]. Lignicolous.

Laetiporus sulphureus (Polyporus s.): on 1, 10 NS [1032]; on 10 Que [1377]. See *Abies*.

Lasiosordaria lignicola (Bombardia l.): on 6 Ont [1340].

Laxitextum bicolor: on 6 BC [1012], Ont [1341]. Lignicolous.

Lenzites betulina (C:57): on 1, 6, 10 Ont [1341], PEI [1032]; on 5 BC [1341]; on 6 Yukon [460, 579], NWT-Alta [1063], BC [1012], NB [1032]; on 6b Sask [579]; on 8 Que [1391]; on 10 NB, NS [1032]. See *Acer*.

Leptosporomyces galzinii (Athelia g.): on 10 Que [969]. See *Abies*.

Libertella sp. (C:57): on 1 Ont [770], Que [941, F67], NB [1032]; on 1, 6 Ont [1340].

L. betulina (C:57): on 1 Ont [1340, 1828], Que [1340]; on 1, 10 NS [1032]; on 6 Sask, Man [F67]; on 10 NWT-Alta [1063].

Lophidium compressum var. *microscopicum* (C:57): on 10 NS [1032]. The species was transferred to *Platystomum*, but the variety has not been.

Mamianiella coryli var. *spiralis*: on 10 Que [79].

Marasmius rotula: on 10 NB [1036].

Marssonina betulae (C:57): leaf spot, tache des feuilles: on 6 NB [1032].

Massaria pruni (C:57): on 10 NS [1032].

Massarina sp.: on 8a Ont [1340].

Melampsoridium betulinum (C:57): leaf rust, rouille des feuilles: II III on 1 Que [F62], NS [1032]; on 3 Ont [1236 published under the name *Melampsorella*, 1341, F65]; on 3, 6 Yukon [F61], BC [1012]; on 3, 5, 6, 10 NWT-Alta [1063]; on 3, 6, 6a, 6b Yukon [460]; on 5 Alta [F64]; on 6 Alta [F63], Ont [1341, F65], Que [1377, F74], Nfld [1660, 1661, F71, F72, F74]; on 6a, 7 Yukon [F62]; on 6, 8 Que [F62, F69]; on 7 BC [333, F60]; on 7, 7a BC [1012]; on 8 Ont [1828], Que [F70, F71], NB [1032, F64], NS [1032]; on 9 Alta [F69], Sask, Man [F68]; on 10 Yukon, Mack, BC, Alta, Sask, Man [2008] and Mack [53], BC [336], Sask [F67], Que [335, 1377].

Melanconis sp. (C:57): on 1, 6 Ont [1340].

M. betulina: on 6 NB [1036]. Specimen should be reexamined.

M. decorahensis (anamorph *Melanconium subviridis*) (C:57): on 1, 6 Ont [1340]; on 6 Ont [F63].

M. nigrospora (C:57): on 1 Ont [770, 1340, F60, F63], Que [F67]; on 10 NS [1032].

M. stilbostoma (anamorph *Melanconium bicolor*) (C:57): twig blight, brûlure des rameaux: on 6 Man [1768, F65], Ont [1340, F60, F63], Que [F71]; on 10 Sask [1340], NS [1032, 1036], Nfld [79].

Melanconium sp. (C:57): on 6 BC [1012], Ont [1340].

M. bicolor (holomorph *Melanconis stilbostoma*) (C:57): on 6 Ont [770, 769, F67], NB [1032]; on 7 Ont [338]; on 6, 10 Ont [1340].

M. parvulum (C:57): twig blight, brûlure des rameaux: on 7 Que [1377].

M. subviridis (holomorph *Melanconis decorahensis*): on 6 Ont [1340].

Melanomma pulvis-pyrius (M. subsparsum) (C:57): on 10 NS [1032].

Menispora manitobaensis: on 6 Man [1760].

M. tortuosa: on 10 Que [826].

Meruliopsis hirtellus: on 10 Que [568]. Associated with a white rot.

Merulius sp.: on 1 Ont [1828].

M. tremellosus (C:57): on 1, 10 Ont [568]; on 1 NB [1032]; on 5 BC [568]; on 6 BC [1012], Que [568]; on 10 NB [1610], NS [568]. See *Abies*.

Microsphaera penicillata (C:57): powdery mildew, blanc: on 1 NS [1032].

Mollisia benesuada (C:57): on 10 NS [1032].

Monilia sitophila (holomorph *Neurospora s.*) (C:57): on 10 NS [1032].

Monodictys sp.: on 6 Ont [973].

M. levis: on 6 Sask [1760].

M. paradoxa: on 6, 10 Man [1760].

Mucor sp.: on 1 Que [941, 945].

Mycena leaiana (C:57): on 1 Ont [1341, F62].

Mycocalicium pallescens (C:57): on 10 NS [1032].

Mycosphaerella maculiformis (C:57): on 6 Que [70].

Myxocyclus polycistis (Stegonsporium muricatum) (C:59): on 5, 10 Sask, Man [1762]; on 6 Sask [1762], Ont [1340], Que [F71] and Sask, Man [F67]; on 10 NWT [1762], Sask, Man [1763] on twigs and bark.

Myxosporium sp.: on 6 Ont [1340].

Nectria sp. (C:57): on 1 Ont [1827], Que [1376]; on 6 Ont [1340]; on 10 Que [1377].

N. cinnabarina (C:57): on 6 Sask [F67]; on 6, 9a Man [F67]; on 10 Man [F66], Que [1377], NB [1032].

N. coccinea var. *faginata* (C:58): on 10 NS [1032].

N. episphaeria (C:58): on 10 Ont [F62].

N. galligena (C:58): canker, chancre nectrien: on 1 Que [948, 1005, 1010, 1011, F76], NB, NS, PEI [1032]; on 6 Ont [1340]; on 10 Que [F60].

N. pithoides (C:58): on 10 NS [1032].

Neobulgaria pura (Ascotremella turbinata): on 6 Que [569]; on 10 Ont [569, 1340]. Lignicolous, presumably saprophytic.

Nummularia discincola: on 10 Que [862].

Odontia crustula: on 1 NB [1032]. Lignicolous.

Ophiovalsa betulae (Cryptospora b.) (C:56): on 6 Ont [1340, 1660, 1827]; on 6, 7 Ont [F68]; on 10 NS [1032].

Orbilia botulispora (O. paradoxa): on 10 Ont [1340].

O. coccinella: on 6 Yukon [664].

Oxyporus populinus (Fomes connatus) (C:56): on 1 Ont [1341], NB, NS [1032]. See *Acer*.

Panellus serotinus (Pleurotus s., Panus betulinus) (C:58): white spongy rot, carie blanche spongieuse: on 1 NB, NS [1032]; on 6 BC [1012]; on 10 BC [F66], NS [1032], Nfld [1293].

P. stipticus (Panus s.) (C:58): on 1, 10 NB, NS [1032]; on 6 BC [1012], Ont [1341], NB, PEI [1032], Nfld [1659, 1660, 1661]. See *Alnus*.

Panus conchatus (P. torulosus): on 10 Que [1385].

P. laevis: on 6 Nfld [1659, 1660, 1661].

P. rudis (C:58): on 1, 6 Ont [1341]; on 6 Yukon [460, F64], BC [1012].

Penicillium sp.: on 10 NB [1610].

Peniophora sp.: on 1 Que [945], NS [1032]; on 6 PEI [1032], Nfld [1659, 1660, 1661]; on 10 Ont [1828], NB [1032].

P. cinerea aggregate (C:58): on 1 Ont [10].

P. cinerea (C:58): on 1, 6 Ont [1341]; on 10 NB, NS [1032]. See *Abies*.

Phaeoisaria sparsa: on 6 Man [1760].

Phaeomarasmius erinaceus (Pholiota e.): on 6 Ont [1434]; on 10 Que [1385] on twigs and branches.

Phanerochaete sanguinea (Peniophora s.): on 1 NS [1032]. See *Abies*.

P. sordida (Peniophora cremea): on 10 NB [1032]. See *Abies*.

Phellinus conchatus (Fomes c.): on 1 NS [1032]; on 10 Ont [1828]. See *Acer*.

P. everhartii (Fomes e.) (C:56): white spongy rot, carie blanche spongieuse: on 6 PEI [1032].

P. ferreus (Poria f.): on 10 Ont [1827]. See *Acer*.

P. ferruginosus (Poria f.) (C:59): on 1 Que [1376]; on 5 NWT-Alta [1063]; on 6 BC [1012]. See *Abies*.

P. igniarius (Fomes i.) (C:56): white trunk rot, carie blanche du tronc: on 1, 6, 10 Ont [1341]; on 1 Que [941, 1376], NS [1739]; on 1, 6 Nfld [1659, 1660, 1661]; on 1, 6, 8 NB, NS, PEI [1032]; on 5 Alta [950]; on 5, 6, 10 NWT-Alta [1063]; on 6 Yukon [460, F61], BC [1012], Alta [53], Man [F60], Ont [973], Que [1634], Nfld [F68, F69], Labr [867]; on 6, 10 Mack [53]; on 10 BC [953], Que [282, 1377], NB, NS [1032].

P. laevigatus (Fomes igniarius var. *l., Poria l., Poria prunicola)* (C:59): white spongy rot, carie blanche spongieuse: on 1, 6 Ont [10, 1341]; on 1 Que [1377], NS [1739] and NB, NS, PEI [1032]; on 5 BC [1341]; on 6 BC [1012]; on 6, 7 Que [282]; on 6, 8, 10 NS [1032].

P. nigricans: on 6 Labr [867]. Associated with a white rot.

P. punctatus (Poria p.): on 6 Ont [1341]. See *Abies*.

P. robustus (Fomes r.) (C:56): white spongy rot, carie blanche spongieuse: on 6 Nfld [1659, 1660, 1661].

Phialophora sp. (C:58): on 1 Que [941, 945]; on 6 Ont [1827], Que [1634]; on 10 NB [1610].

P. americana: on 10 NB [1610].

P. botulispora: on 10 Ont [279].

P. fastigiata: on 1 Ont, NB, NS [279].

P. lagerbergii: on 1 Ont, NB [279]; on 10 NB [1610].

P. melinii: on 1 NB, NS [279]; on 10 NB [1610].

P. verrucosa: on 1 NS [279]; on 10 Ont [279].

Phibalis furfuracea (C:56): on 10 BC [1012].

Phlebia livida (Corticium l.) (C:56): on 10 NS [1032]. See *Abies*.

P. martiana (Peniophora m.): on 1 Ont [1828]. Lignicolous.

P. radiata (C:58): on 1, 6 Ont [568, 1341]; on 1 Que [568], NB, NS [1032]; on 6 BC [1012], NB [1032]; on 10 BC, Ont, NS [568]. See *Abies*.

Phlebiopsis gigantea (Peniophora g.): on 10 NB [1032]. See *Abies*.

Pholiota sp.: on 1 Que [463]; on 6 NWT-Alta [1063].

P. adiposa (C:58): on 1, 6 Ont [1341]; on 1 NS [1739]. See *Acer*.

P. albocrenulata (C:58): on 10 NS [1032]. Lignicolous.

P. alnicola (Flammula a.) (C:56): yellow checked rot, carie jaune craquelée: on 1 NB, NS [1032]. See *Abies*.

P. aurivella (C:58): on 1 Que [941, 949], NB, NS [1032]; on 10 NS [1032]. See *Abies*.

P. lenta (Flammula l.) (C:56): on 10 NS [1032].

P. limonella (P. squarrosa-adiposa): on 1 Ont [1341], NS [1032]. See *Abies*.

P. lucifera: on 1 NS [1032]. Not recognized from North America in the Hesler & Smith monograph. Specimens should be reexamined.

P. lutea (C:58): on 10 NB [1032]. Probably a synonym of *Gymnopilus spectabilis*, according to Hesler & Smith.

P. marginella: on 6 Nfld [1659, 1660]. These records are probably based on specimens of *Kuehneromyces lignicola*. *Pholiota marginella* is a distinct species.

P. squarrosoides (C:58): on 1 Ont [1341], Que [1377]; on 6 BC [1012], NS [1032]. Lignicolous.

P. subsquarrosa (C:58): on 6 BC [1012]. Not recognized in North America by Hesler & Smith. Earlier they redetermined collections labelled *P. subsquarrosa* to be *P. subvelutipes*. Subsequently *P. subvelutipes* has been recognized as a synonym of *P. limonella*.

Phoma sp.: on 1 Ont [770], Que [941, 945].

Phomopsis sp.: on 1 Ont [769, 771, 1340], Que [9, F67, F76], NB [9, 1032], NS [9]; on 1, 6 Ont [9, 770]; on 10 Ont [1340].

Phyllactinia guttata (P. corylea) (C:58): powdery mildew, blanc: on 2, 5, 6, 10 Ont [1257]; on 6 Yukon [1257], Sask, Man [F66, F67], Ont [1340, 1827], Que [F72, F75] and Man [1257]; on 6c Yukon [460]; on 10 Que [1377].

Phyllosticta sp.: on 8 Que [F67]; on 10 Que [282].

P. betulae (C:58): leaf spot, tache des feuilles: on 10 NB [1032].

P. betulina: on 6 Que [F61].

Phyllotopsis nidulans (C:58): on 6 BC [1012]; on 8 NB, NS [1032]. Lignicolous.

Pilidium acerinum (Leptothyrium medium): on 6 Sask [F65].

Piloderma bicolor (Corticium b.): on 6 Ont [1827]. See *Abies*.

Piptoporus betulinus (Polyporus b.) (C:58): on 1, 6, 10 Ont [1341]; on 1 NB, NS [1032]; on 5 BC [1341]; on 6 Yukon, Mack [1110], BC [1012], Alta [53], Que [282], NB, NS, PEI [1032], Nfld [1659, 1660, 1661, F68], Labr [867]; on 6, 10 NWT-Alta [1063]; on 7 Que [282]; on 8 Que [1390], NB, NS [1032]; on 10 Alta [53, 1014], BC [1014], Que [1385], NB, NS, PEI [1032]. Associated with a brown rot of dead trees.

Plagiostoma alneum var. *betulinum*: on 3 BC [79].

P. campylostylum var. *campylostylum (Gnomonia c.)* (C:57): on 3 BC [1012]; on 10 Ont [79], Que [70, 79].

Pleomassaria siparia (C:58): on 6 Ont [1340].

Pleurothecium recurvatum: on 10 Ont [587].

Pleurotus sp.: on 5 NWT-Alta [1063].

P. ostreatus (C:58): white spongy rot, carie blanche spongieuse: on 1 Que [1341]; on 6 Yukon [460], Ont [1341], Labr [867].

P. sapidus (C:58): on 1, 10 NS [1032]; on 6 Ont [1341]. See *Aesculus*.

P. strigosus (Panus s.): on 10 Ont [1341]. See *Abies*.

Plicatura crispa (Trogia c.) (C:60): on 1 Ont, Que [1341]; on 6, 10 NWT-Alta [1063]; on 6 BC [1012], Ont [1341]; on 10 Ont [1341], NS [1032]. Lignicolous, typically on dead, fallen branches.

P. nivea: on 1 Ont [563], Que [563, 568]; on 10 Man [563, 568]. Typically on dead branches and stems. See *Acer*.

Pluteus cervinus (C:58): on 6 BC [1012]; on 10 Yukon, Mack [669]. Typically on rotted wood. Associated with a white rot.

P. leonius: on rotten wood of 10 Que [1385].

Polyporus arcularis (C:58): on 6 Nfld [1659, 1660, 1661]. Lignicolous, typically on fallen branches.

P. badius (P. picipes) (C:58): on 1 Ont [1341], NB [1032]; on 10 Ont [1827]. Lignicolous, typically on logs or fallen branches.

P. brumalis (C:58): on 1, 6 Ont [1341]; on 6 Nfld [1659, 1660, 1661]; on 8 Que [1389]; on 10 NB, NS [1032]. Lignicolous, typically on logs or fallen branches.

P. varius (P. elegans) (C:58): on 1, 6 Ont [1341]; on 1, 10 NS [1032]; on 3, 6 Mack [53]; on 6, 10 NWT-Alta [1063]. See *Abies*.

Poria sp.: on 1 NS and on 6 NB [1032].

P. amylohypha (P. elongata): on 1 NB [1032]. Associated with a white rot.

P. subacida (C:59): on 1 NB, NS [1032]; on 6 NS [1032]; on 10 BC [1012]. See *Abies*.

Prosthemium betulinum (holomorph *Pleomassaria siparia*): on 1 Que [F67]; on 6 Ont [1340].

Pseudospiropes simplex: on 6 Man [1760]; on 10 Ont [817].

Pseudotomentella tristis: on 10 Ont [1828]. Lignicolous, typically on rotted wood.
Pseudovalsa lanciformis (anamorph *Coryneum brachyurum*) (C:59): on 6 Ont [1340].
P. spinifera: on 10 Ont [79].
Pycnoporus cinnabarinus (Polyporus c., Trametes c.) (C:59): on 1 Ont, Que [1181], NB, NS, PEI [1032] and Que [1385]; on 1, 6, 10 Ont [1341]; on 1, 8 Que [1390]; on 5 BC [1012, 1341]; on 6 NWT-Alta [1063], BC [1012, 1181], Alta [579], PEI [1032], Nfld [1659, 1660, 1661]; on 10 BC, Ont [1181], NS [1032]. On logs and dead branches. See *Acer*.
Ramaricium albo-ochraceum (Corticium a.) (C:55): on 10 NS [1032]. Lignicolous.
Rectipilus fasciculatus (Solenia f.) (C:59): on 10 NS [1032]. Lignicolous, apparently saprophytic.
Resinicium bicolor (Odontia b.) (C:58): white stringy rot, carie blanche filandreuse: on 1 NB [1032], NS [1739].
Schizophyllum commune (C:59): on 1 Ont [1341], NB, NS [1032]; on 6 NWT-Alta [1063], BC [1012], Ont [1341], PEI [1032], Nfld [1659, 1660, 1661]; on 8 NB [1032]; on 10 NS, PEI [1032]. See *Abies*.
Schizopora paradoxa (Poria versipora): on 1 NB [1032]. See *Abies*.
Scutellinia erinaceus (Patella setosa): on 10 NS [1032].
S. scutellata (Patella s.): on 10 Mack [666].
Scytinostroma galactinum (Corticium g.) (C:56): white stringy rot, carie blanche filandreuse: on 1 NS [1032, 1739]; on 6 PEI [1032].
Septogloeum sp.: on 6 Ont [1827].
Septoria sp.: on 6 Que [F74], NB, NS [F70]; on 10 Que [F63].
S. betulae (C:59): leaf spot, tache des feuilles: on 1 Ont [1340, F67], NS [1032]; on 6 Ont [1340], Que [F62, F68, F73], NB, NS, PEI [1032], Nfld [1659, 1660, 1661, F76]; on 7 PEI [336]; on 8 NB [1032].
S. betulicola (C:59): on 6 Mack [F65], Sask [F67, F71], Man [F67], Que [F61].
Septotrullula bacilligera: on 6 Sask, Man [1760].
Serpula lacrimans: on 10 Que [969]. Specimen presumably was from the forest, in which case the fungus was probably *S. himantioides*.
Sistotrema brinkmannii (Trechispora b.) (C:60): white stringy rot, carie blanche filandreuse: on 1 NB, NS [1032]; on 6 NB [1032]; on 10 Que [969].
S. hirschii: on 10 Que [969]. Lignicolous.
Sistotremastrum suecicum: on 10 Que [969]. See *Abies*.
Skeletocutis alutacea (Poria a.) (C:59): on 6 BC [1012]. Associated with a white rot.
Spadicoides atra: on 1 Ont [791]; on 6 Alta [791], Man [1760].
S. bina: on 6, 10 Man [1760].
Sphaeropsis alnicola: on 1 Ont [1340].
Sporidesmium achromaticum: on 6 Sask, Man [1760].
S. anglicum: on 6 Man [1760].
Steccherinum sp.: on 1 NB [1032].
S. ciliolatum (Odontia c.): on 1 PEI and on 6 NB [1032]. See *Acer*.
S. ochraceum (C:59): on 6 BC [1012]; on 10 NS [1032]. See *Acer*.
Stegonsporium sp.: on 10 Ont [1340]. Probably *Myxocyclus* sp. as *Stegonsporium* is not known from *Betula*.
Stereum sp.: on 6 NWT-Alta [1063].
S. complicatum: on 6 NWT-Alta [1063]. Lignicolous.
S. hirsutum (C:59): white sap rot, carie blanche de l'aubier: on 1, 6 Ont [1341]; on 5, 6 NWT-Alta [1063]; on 5 Alta [950]; on 6 BC [1012], Alta [53], NB, NS, PEI [1032], Nfld [1659, 1660, 1661]; on 10 BC [1341], Que [969], NB [1032].
S. ochraceo-flavum (C:59): on 6 Ont [1341], NS [1032]. Lignicolous.
S. ostrea (C:59): white crumbly rot, carie blanche friable: on 1 Ont [1341]; on 1, 6 NB, NS [1032]; on 6 BC [1012], Nfld [1659, 1660, 1661]; on 10 Que [969].
Stictis radiata (C:59): on 10 NS [1032].
Streptomyces sp.: on wood chips of 10 NB [1610].
Stromatoscypha fimbriata (Porotheleum f.) (C:59): on 1, 10 NS [1032]; on 10 Ont [1341]. Typically on rotted wood. Associated with a white rot.
Subulicystidium longisporum (Peniophora l.): on 1 Ont [1827]; on 10 Que [969]. Associated with a white rot.
Taeniolella exilis: on 1, 6 Ont, Que [813].
Tapesia fusca (C:59): on 1 Ont [1340]; on 10 NS [1032].
Taphrina sp.: on 1 NB, NS [1032, F69, F70]; on 1 NB [F68], Nfld [1659, 1660, 1661]; on 6 Nfld [1661].
T. americana (C:59): on 6 BC [1012, F64], Ont [1340].
T. bacteriosperma (C:59): on 3 BC [1012, F63].
T. boycei (C:59): leaf blister, cloque des feuilles: on 10 NWT-Alta [1063].
T. carnea (C:59): leaf blister, cloque des feuilles: on 1 Que [F67, F69, F71, F75, F76], NS [F65, F74] and Que, NB [F65, F73, F74]; on 1, 6 Que [1377], NB, NS, PEI [1032], Nfld [1661]; on 3 BC [F62]; on 6 Nfld [1659, 1660]; on 6, 7 Ont [1340]; on 10 Que [282], NS [F66].
T. flava (C:59): on 1 Que [1375]; on 6 BC [1012, F69], Ont [1340], Que [F73], NB, NS [1032] and NB, PEI [F64]; on 8 Que [1377], NS, PEI [1032].
T. nana (C:59): on 3 Yukon [460], BC [1012, F69]; on 6 Alta [F60]; on 10 NWT-Alta [1063].
T. robinsoniana: on 1 Nfld [1661].
Titanella pelorospora: on 10 Que [80].
Tomentella sp. (C:60): on 6 BC [1012]; on 10 Ont [1341].

T. bryophila (T. pallidofulva) (C:60): on 1, 10 Ont [1341].

T. coerulea (T. papillata): on 10 Ont [929, 1341, 1828].

T. crinalis (Caldesiella ferruginosa): on 1 NS [1032].

T. ellisii (T. microspora, T. ochracea): on 1 Ont [1828]; on 5 BC [929, 1341].

T. ferruginea (T. fusca) (C:60): on 1 Nfld [1660]; on 10 NB, NS [1032].

T. fuscoferruginosa: on 10 Ont [929, 1341].

T. lateritia: on 10 Ont [1341].

T. neobourdotii: on 1 Ont [927, 1341].

T. ramosissima (T. fuliginea): on 10 Ont [1341, 1828].

T. sublilacina: on 1, 10 Ont [1341, 1827]; on 6 Ont [1341]; on 10 Ont [1828].

T. terrestris (T. umbrinella): on 10 Ont [1827].

Tomentellastrum badium (Tomentella fimbriata): on 1 Nfld [1660].

Torula ligniperda: on 1, 6 Que [1377].

Trametes cervina (Polyporus biformis N. Amer. auct.*)*: on 6 Mack [1110], Sask [579]; on 8 NS [1032]; on 10 NWT-Alta [1063], Alta [579]. See *Abies*.

T. narymicus: on 10 Ont [1339]. Perhaps a misidentification.

Trechispora farinacea (Cristella f., Grandinia f.): on 6 Mack [1110]; on 10 Que [969]. See *Abies*.

T. mollusca (Poria candidissima): on 10 Ont [1341], Que [970]. See *Abies*.

T. vaga (Cristella sulphurea): on 10 Ont [1341]. See *Abies*.

Tremella mesenterica: on 6 Yukon [460].

Trichaptum abietinus (Hirschioporus a.): on 6 Que [1028]. See *Abies*.

T. biformis (Polyporus pargamenus, Hirschioporus p.) (C:58): white spongy rot, carie blanche spongieuse: on 1 Ont [1341], Que [1377, 1390], NB, NS, PEI [1032]; on 6, 10 NWT-Alta [1063]; on 6 Yukon [460], BC [1012], Ont [1341], NB, NS, PEI [1032], Nfld [1659, 1660, 1661]; on 8 Que [1390], NS [1032]; on 10 Mack [53], Alta, Man [1823], Que [282], NB, NS [1032].

T. subchartaceum (Polyporus s.): on 10 BC [1012]. Associated with a white rot.

Trichocladium canadense (C:60): on 1 Que [941]; on 6 Que [945]; on 10 NB [1610].

Trichoderma sp.: on 1 Que [941].

T. viride: on 6 Que [945]; on 10 NB [1610]. See *Abies*.

Trimmatostroma sp.: on 1 Ont [1827].

T. betulinum: on 5, 6, 10 Sask and on 6, 9a, 10 Man [1760].

Tubercularia sp.: on 1, 6 Ont [1340].

Tubulicrinis glebulosus (T. gracillimus): on 10 Que [969]. Lignicolous.

Tulasnella violea: on 10 NS [1032]. Lignicolous, apparently saprophytic.

Tympanis alnea (anamorph *Sirodothis inversa*) (C:60): on 5 NWT-Alta [1063], Alta [950]; on 10 Alta [1221, F62], Ont, Que [1221].

T. mutata: on 6 Sask, Man [F67], Ont [1221].

Tyromyces borealis (Polyporus b.): on 10 NB, NS [1032]. See *Abies*.

T. caesius (Polyporus c.): on 10 PEI [1032]. See *Abies*.

T. chioneus (Polyporus albellus, Tyromyces a.) (C:58): white spongy rot, carie blanche spongieuse: on 1, 6 Ont [1341]; on 1 Que [1390]; on 1, 10 NB, NS [1032]; on 1, 6 Nfld [1659, 1660, 1661]; on 6 BC [1012], NB [1032]; on 7 Que [282]; on 8 NS [1032].

T. galactinus (Polyporus g.) (C:58): white spongy rot, carie blanche spongieuse: on 1, 6 NS [1032].

T. kmetii: on 10 Alta [575]. Associated with a white rot.

T. minusculoides (Polyporus m.): on 10 Ont [1341, F67]. Lignicolous.

T. sericeomollis (Polyporus s., Poria s.): on 6 NS [1032, 1036]. See *Abies*.

T. tephroleucus (Polyporus t.) (C:59): on 1 NS [1032]; on 6 BC [1012], Ont [1341]. See *Alnus*.

Valsa sp.: on 6 Man [1340].

Valsaria sp.: on 1 Que [F76].

V. insitiva: on 1 Ont [1340, F67 as *Valsa i.*].

Vararia effuscata (C:60): on 1 Ont [1341], NB, NS [1032]. See *Acer*.

V. investiens: on 1 NB [1032]. See *Abies*.

Velutarina rufo-olivacea: on 1 Ont [1827].

Venturia ditricha (C:60): on 3 Que [70]; on 6 Ont [1340]; on 10 Ont, Que [73] on overwintered leaves and petioles.

Verticillium sp.: on 1 Que [941].

Wolfiporia extensa (Poria cocos) (C:57): on 1 NB [1032], NS [1739]. Typically a butt and trunk rot of large, mature trees. Apparently not fruiting until after the tree has died. Associated with a brown rot.

Wrightoporia lenta (Poria l.): on 10 Ont [1827]. See *Abies*.

Xenasma tulasnelloideum (Corticium t.): on 1 NS [1032]. Lignicolous.

Xylaria polymorpha: on 1 Ont [1828]. Typically on buried or partially buried wood.

Xylobolus frustulatus (Stereum f.): on 1 Ont [1341]. Lignicolous.

BIDENS L. COMPOSITAE

1. *B. cernua* L., nodding beggar-ticks, bident penché; native, BC-PEI.
2. *B. connata* Muhlenb., beggar-ticks, bident connée; native, Ont-PEI.
3. *B. coronata* (L.) Britt.; native, Ont.
4. *B. discoidea* (Torr. & Gray) Britt., discoid beggar-ticks, bident discoide; native, Ont-NS.
5. *B. frondosa* L., large-leaved beggar-ticks, bident feuillu; native, BC-Nfld.
6. *B. vulgata* Greene, common beggar-ticks, bident vulgairè; native, BC-NS.

Entyloma compositarum (C:60): smut, charbon: on 1 BC [1816].

Ophiobolus rubellus: on *B.* sp. Ont [1620].

Puccinia obtecta: rust, rouille: 0 III on *B.* sp. Ont [1236, 1559].

Sphaerotheca fuliginea (C:60): powdery mildew, blanc: on 1, 2, 3, 4, 5, 6 Ont and on 2, 5 Que and 5, 6 Man [1257].

S. macularis (C:60): powdery mildew, blanc: on 1 BC [1816].

BRASSICA L. CRUCIFERAE

1. *B. hirta* Moench, white mustard, moutarde blanche; imported w. Asia and the Mediterranean region, escaped from cult., Yukon, BC-PEI.
2. *B. juncea* (L.) Czerniak, chinese mustard, moutarde joncée; imported from Eurasia, escaped from cult., Mack, BC-Nfld.
3. *B. kaber* (DC.) Wheeler, wild mustard, moutarde sauvage; probably native in Mediterranean region, natzd., Yukon-Mack, BC-Nfld. The common phase in North America is *B. k.* var. *pinnatifida* (Stokes) Wheeler.
4. *B. napus* L., rape, colza; imported from Eurasia. 4a. *B. n. napobrassica* group (*B. napobrassica* Mill.), rutabaga, chou-navet.
5. *B. oleracea* L., native to Eurasia. 5a. acephala group (*B. o.* var. *acephala* DC.), kale, chou frisé. 5b. botrytis group (*B. o.* var. *botrytis* L.), cauliflower, chou-fleur. 5c. capitata group (*B. o.* var. *capitata* L.), cabbage, chou. 5d. gemmifera group (*B. o.* var. *gemmifera* Zenker), brussel sprouts, chou de bruxelles. 5e. gongylodes group (*B. caulorapa* Pasq.), kohlrabi, chou-rave. 5f. italica group (*B. o.* var. *italica* Plenck), broccoli, chou-broccoli.
6. *B. rapa* L. (*B. campestris* L., *B. c.* var. *annua*), turnip rape, chou champêtre; imported from Eurasia. 6a. chinensis group (*B. chinensis* L.), pakchoi, chou de Chine. 6b. pekinensis group (*B. pekinensis* (Low.) Rupr.), pe-tsai, chou de Shanton. 6c. rapifera group, turnip, navette.
7. Host species not named, i.e., reported as *Brassica* sp. or mustard.

NB: *B. napus*, napobrassica group, and *B. rapa*, rapifera group, are often confused as they may both be referred to as turnip or as rape.

Absidia ramosa: on 4, 6 Sask [1113].

Acremonium boreale: on 4, 6 BC, Alta, Sask [1707].

Albugo sp.: on 4, 6 Sask [1867]; on 7 (mustard) Sask [1871].

A. candida (A. cruciferarum) (C:61): white rust, albugine ou rouille blanche: on 1, 3, 4 Sask [1321]; on 2 Sask [1139, 1309]; on 3, 4 Sask [339, 1320, 1594]; on 4 Alta [122, 335, 337, 1320, 1595], Sask [333, 336, 1315 on seeds, 1868, 1871], Man [339, 1320, 1317] and Alta, Sask [334, 338, 1317]; on 4, 7 Alta [339, 1594]; on 4a Sask [1319]; on 5c BC [1816]; on 6 Alta [129, 126, 1669, 1796], Sask [1309, 1323], Man [135, 1365, 1366], Que [1878] and Alta, Sask, Man [241 on seeds, 1317]; on 7 Alta [338], Sask [336], Que [337]. By 1977 this fungus was an important problem on brown mustard in Sask. However new lines carrying resistance were being developed.

Alternaria sp.: on 1, 2 Sask [1139]; on 4 Alta [336], Sask [333, 334, 338, 1865, 1868]; on 4, 6 Sask [1113, 1867], Man [135, 1113, 1366]; on 5c Que [1640]; on 5f NB [333].

A. alternata (A. tenuis auct.*)* (C:62): on 2 Sask [1311]; on 2, 4, 6 Sask isolated from diseased roots [1312]; on 3, 6 Sask isolated from hypertrophies caused by *Albugo cruciferarum* [1324]; on 4 Sask [336, 1311], Man [1112]; on 6 Alta [130, 1850, 1851].

A. brassicae (C:62): gray leaf spot, tache grise: on 1, 4 Sask [1321]; on 2, 4, 6 Alta inoculated [1669]; on 4 Alta [122, 129, 339, 378, 1320, 1595, 1798, 1831, 1832, 1833], Sask [336, 1323, 1311, 1594, 1779, 1871] and Sask, Man [339, 1320]; on 4, 6 Alta, Sask, Man [1314, 1317 on seeds]; on 4, 7 Alta [1594]; on 4a NS [337]; on 5b Ont [1460]; on 5b, 5c Ont [1452, 1461, 1594]; on 5c Que [334, 339], NB [334]; on 5f, 6c BC [1816]; on 6 Alta [130, 129, 378, 1795, 1850], Sask [1311, 1324 isolated from hypertrophies caused by *Albugo cruciferarum*, 1779]; on 7 Sask [339].

A. brassicicola (C:62): black leaf spot, tache noire: on 4, 6 Man [1365]; on seeds of 5, 5c, 5e Sask [1313]; on 5b, 5c, 5f BC [1816]; on 5c Que [334, 339], NB [334], NS [1370], Nfld [1594].

A. raphani: on 1, 4 Sask [1320]; on 3, 6 Sask isolated from hypertrophies caused by *Albugo cruciferarum* [1324]; on 4 Alta [129, 339, 378], Sask [336, 1311, 1323, 1779, 1871], Man [339]; on 4, 6 Alta, Sask, Man [1314, 1317 on seeds]; on 4, 7 Sask [339]; on 5d Sask [1313]; on 6 Alta [129, 1850], Sask [378, 1311, 1779].

Ampelomyces quisqualis: on 4 Sask [1871]. Hyperparasitic on Erysiphales.

Apiospora montagnei: on 4, 6 Sask, Man [1113].

Aspergillus candidus: on 4, 6 Sask [1113]; on 4 Man [1112].

A. flavus: on 4, 6 Sask [1113].

A. fumigatus (C:62): on 4, 6 Sask [1113].

A. glaucus group: on 4 Man [1112].

A. niger: on 4, 6 Sask [1113].

A. versicolor: on 4 Man [1112]; on 4, 6 Sask, Man [1113].

Botrytis sp.: on 4a, 5c Alta [1594].

B. cinerea (holomorph *Botryotinia fuckeliana*) (C:62): gray mold, moisissure grise: on 4 Alta, Sask, Man [1317]; on 4a NB, Nfld [339], NS [335]; on 5b, 5f, 6c BC [1816]; on 5c NB [334], NS [1370]; on 6 Alta, Man [1317] and isolated from hypertrophies caused by *Albugo cruciferarum* Sask [1324].

Chaetomium indicum: on 4, 6 Sask [1113].

Cladosporium sp.: on 2, 4 Sask [1311]; on 3, 6 Sask isolated from hypertrophies caused by *Albugo cruciferarum* [1324].

C. cladosporioides (C:62): on 4 Man [1112]; on 4, 6 Man [1113].

C. herbarum: on 4, 6 Man [1113].

C. variabile (Heterosporium v.) (C:62): on 5c BC [1816].

Cylindrocarpon sp.: on 4a Que [334].

Dendryphion nanum: on 6 Alta [819].

Emericella nidulans (anamorph *Aspergillus n.*): on 4, 6 Sask [1113].

Epicoccum sp.: on 6 Sask isolated from hypertrophies caused by *Albugo cruciferarum* [1324].

Erysiphe communis (E. polygoni) (C:62): powdery mildew, blanc: on 4 Sask [334, 336, 1321, 1323, 1594, 1868, 1871]; on 4a, 5a BC [1816]; on 6c Ont [1452], Que [1257].

Eurotium amstelodami: on 4, 6 Sask [1113].

E. chevalieri: on 4, 6 Sask [1113].

E. repens: on 4, 6 Sask [1113].

E. rubrum: on 4, 6 Sask [1113].

Fusarium sp. (C:62): on 1 Sask [1320]; on 1, 2 Sask [1139]; on 4 Sask [333, 339, 1321, 1323, 1594, 1865, 1867], Alta [122, 339]; on 4a Que, Nfld [334]; on 5b Ont [1458, 1460]; on 5b, 5c Ont [1452, 1594]; on 5c Ont [1461]; on 5d NB [336]; on 6 Alta [129], Sask [1867]; on 7 Sask [336, 1871].

F. acuminatum (C:62): on 4 Sask [1320, 1871]; on 7 Sask [339].

F. avenaceum (C:62): on 4a NS [334].

F. equiseti (C:62): on 4 in greenhouse Sask [1871].

F. oxysporum (C:62): on 6 Alta [130].

F. oxysporum f. sp. *conglutinans* (C:62): yellows, jaunisse: on 5b, 5c Ont [1452, 1458, 1594]; on 5c Ont [1457, 1460, 1461].

F. poae: on 7 Sask [339].

F. roseum: on 2 Sask [1312]; on 4 Alta, Sask, Man [1314, 1317]; on 4 Sask [1312]; on 6 Alta [130, listed as "Avenaceum, Culmorum, Gibbosum"], Sask [1312, 1324 isolated from hypertrophies caused by *Albugo cruciferarum*]; on 6 Alta, Sask, Man [1314, 1317].

F. solani (holomorph *Nectria haematococca*) (C:62): on 4 in greenhouse Sask [1871].

Gliocladium sp.: on 6 Alta [130].

G. roseum: on 4 Sask [1321, 1594].

Gonatobotrys sp.: on 6 Sask [1324] isolated from hypertrophies caused by *Albugo cruciferarum*.

Helminthosporium sp.: on 6 Alta [130]. Specimen was probably *Bipolaris* sp. or *Drechslera* sp.

Leptosphaeria maculans (anamorph *Plenodomus lingam*) (C:62): black leg, jambe noire: on 2, 4, 6 Sask [1312]; on seeds of 4, 6 Alta, Sask, Man [1325]; on 4 Sask [1310, 1318, 1323, 1594, 1595], Man [1318]; on 4, 6 Sask [1316]. A severe localized outbreak occurred in ne. Sask in 1977. The estimated yield loss in one field was 20%. This outbreak was apparently due to the presence of a strain of the fungus which discharged ascospores much earlier in the season than the common strain which has been known on the Canadian Prairies since 1957.

Ligniera pilorum: on 5 Ont [60].

Mucor pusillus: on 4, 6 Sask [1113].

Mycosphaerella sp.: on 4, 6 Sask [1867].

M. brassicicola (C:62): ring spot, tache annulaire: on 1 Sask [1139, 1321]; on 2, 4, 6 Sask [1311]; on 3, 4 Sask [1594]; on 4 Alta [122, 339, 1320], Sask [333, 334, 336, 337, 338, 1320, 1321, 1323, 1865, 1868, 1871], Man [1320]; on 4a Sask [1319]; on 5b, 5c, 5d, 5f BC [1816]; on 6 Alta [129], Sask [1866], Man [1365, 1366]; on 7 (rape) Sask [1872]. In a recent publication [1326] it has been contended that previous reports of *M. brassicicola* on *B.* sp. (rape) in the prairie provinces are incorrect. The pathogen in question may be *Pseudocercosporella capsellae*.

M. tassiana var. *tassiana*: on 4, 6 Alta, Sask [1327].

Nectria inventa (anamorph *Verticillium tenerum*): on 4 Alta [1832, 1833].

Olpidium brassicae: on 5 Ont [65].

Oospora sp.: on 4a Que [334]. Probably a species of *Oidium*.

Paecilomyces varioti (C:62): from seeds of 4a BC [150].

Penicillium sp.: on 4, 6 Sask [1113]; on 4a Que [334].

P. aurantiogriseum (P. cyclopium, P. verrucosum var. *c.)* (C:62): on 4 Man [1112]; on 4, 6 Sask, Man [1113].

P. brevicompactum: on 4, 6 Sask, Man [1113].

P. chrysogenum: on 4, 6 Sask, Man [1113].

P. glabrum (P. frequentans): on 4, 6 Sask [1113].

P. griseofulvum (P. patulum): on 4, 6 Sask [1113].

P. piceum: on 4, 6 Sask [1113].

Peronospora sp.: on 4, 6 Sask [1867].

P. parasitica (C:62): downy mildew, mildiou: on 2 Sask [1139]; on 4 Alta [334, 338, 339, 1594], Sask [339, 1321]; on 4 Alta, Sask, Man [1320]; on 4a BC [333, 1816], Sask [1319], Que [334], NS [333, 336], Nfld [335, 337]; on 4a Que, NS, Nfld [338, 339, 1594]; on 5a BC [1816]; on 5b BC [1816, 1817], Ont [336], NS [338]; on 5c Ont [1452], Que [333, 1639, 1594], NS [333, 338], Nfld [335]; on 5c, 5d, 5f BC [1816, 1817, 1818]; on 6 Sask isolated from hypertrophies caused by *Albugo cruciferarum* [1324], Man [1365, 1366]; on 6c Que [1640]; on 7 Alta [336, 339].

Phoma sp.: on 4, 6 Sask [1867].

P. glomerata: on 4, 6 Sask, Man [1113].

P. medicaginis: on 4, 6 Sask [920].

Phytophthora megasperma: on 4a BC [1816].

Plasmodiophora brassicae (C:62): clubroot, hernie: on 4 Nfld [339]; on 4a, 5a, 5b, 5c, 5f, 6b, 6c BC [1816]; on 4a Ont [333, 1594], Que [1654]; on 4a Que, NB, NS, PEI [40, 334, 336, 338]; on 4a Que, NB, NS [333, 1594]; on 4a Que, NB, PEI [335, 337, 339]; on 5, 5c Ont [1595]; on 5, 5a, 5b, 5c Que [245]; on 5b BC [465, 1817], Ont [338], Que [40], NB [339], NS [334, 338], PEI [333]; on 5b, 5c Ont [1452, 1460, 1594]; on 5c BC [40, 334, 335, 339], Ont [40, 1458, 1461], Que [334, 335, inoculated 340, 347, 348, 1641], NB [338, 339, 1594], NS [40, 334, 335, 338, 1594], PEI [40, 333], Nfld [337, 338]; on 5c Que, NB [40, 333, 337]; on 5c, 5d, 5f BC [1817, 1818]; on 5d NB [40, 336, 337]; on 5f NB [337]; on 5f, 6a, 6c Ont [1452]; on 6c Ont [1461], PEI [40]; on 7 Ont [1453], Que [341].

Plenodomus lingam (Phoma l.) (holomorph *Leptosphaeria maculans*) (C:62): black leg, jambe: on 1, 3, 4 Sask [1321]; on 3 Sask [1594]; on 4 Sask [334, 338, 339, 1320, 1868, 1871]; on 4a BC [333, 1816], Sask [1319], Que [334], NS [335], Nfld [333, 334]; on 5c BC [1816], Nfld [338]; on 5d Ont [334]; on 7 Sask [339].

Pseudocercosporella capsellae: white leaf spot and gray stem: on 1, 4, 4a, 5b, 5c, 6, 6c Sask [1326]; on 6 Alta [1669], Ont [1455].

Pythium sp.: on 5b Ont [1458, 1460, 1594]; on 5b, 5c Ont [1452].

P. irregulare: on 5c Ont [868] by inoculation.

P. polymastum: on 4, 6 Sask [1873].

P. ultimum (C:63): on 4a BC [1816].

Rhinocladiella mansonii: on 4, 6 Sask [1113].

Rhizoctonia sp.: on 1, 2 Sask [1139]; on 4, 6 Man [1113]; on 6 Alta [129].

R. solani (holomorph *Thanatephorus cucumeris*) (C:63): wire stem, tige noire: on 1 Sask [1320]; on 2, 4, 6 Sask [1312]; on 4 Sask [334]; on 4a Alta [335, 337], Ont [333], Que [334, 339], NS [333, 334, 335, 336, 1595], PEI [337], Nfld [335] and NB, NS, PEI [338, 339, 1594]; on 5b BC [1816, 1817], Alta [336, 338], Ont [1460, 1594], NS [336, 338]; on 5b, 5c Ont [1452, 1458]; on 5c BC [1816, 1818], NB [339], NS [334, 335, 338, 1594]; on 5d NB [336]; on 6 Alta [130]; on 6c BC [1816]; on 7 Alta [333], Sask [339]. In 1979 this fungus, the cause of damping-off, seedling blight and foot rot, was present in 95% of the Sask fields sampled. The seedling phase of the disease was so severe that many farmers resowed.

Rhizopus sp. (C:63): on 6 Sask isolated from hypertrophies caused by *Albugo cruciferarum* [1324].

R. nigricans: on 4a Que [334].

R. oryzae: on 4, 6 Sask [1113].

Sclerotinia sp.: on 1, 4, 6 Sask [420]; on 1, 5c, 7 Sask, Man [1138]; on 4, 6 Sask [1867]; on 7 Sask [1871].

S. sclerotiorum (C:63): sclerotinia rot, pourriture sclérotique: on 1 Sask [1319, 1320, 1321]; on 1, 2 Sask [1139]; on 3 Man [750]; on 4 BC [122], Alta [339, 892, 1317], Sask [333, 334, 336, 338, 339, 776, 1133, 1140, 1312, 1314, 1317, 1321, 1323, on seeds 1479, 1594, 1865, 1868, 1871], Man [338, 339, 1365, 1366]; on 4a BC [1816], Alta [337], Sask [1319], Ont [337], Que [334], NS [335]; on 5b BC [1816], Ont [1458], Que [334], PEI [333]; on 5b, 5c Ont [1452, 1460, 1594]; on 5c BC [1816], Alta [335, 339, 1594], Ont [335], Que [333, 335, 336, 339, 1639], NB [339, 1594], NS [1594], PEI [333]; on 6 Alta [129, 130, 1317], Sask [776, 1140, 1312, 1317], Man [750, 1365, 1366]; on 7 Alta [1736, 1971, 1972], Sask [336 mustard, 339 yellow mustard, 1134 rape]. The biological control agent, *Coniothyrium minitans* reduced stem rot by 50% under conditions favoring moderate disease development but the mycoparasite was ineffective under conditions highly favorable to disease development. The critical period for infection by *Sclerotinia* seems to be the mid- to late-flowering stage of the crop.

Scopulariopsis fusca: on 4, 6 Sask [1113].

Selenophoma sp.: on 6 Sask [1323].

Septoria sp.: on 4 Sask [1321].

Sphaerotheca macularis: powdery mildew, blanc: on 6c Ont [1257].

Stemphylium sp.: on 6 Alta [130], Sask isolated from hypertrophies caused by *Albugo cruciferarum* [1324].

S. botryosum (C:62): from seeds of 5c, 6c Ont [667].

Streptomyces scabies (C:63): scab, gale: on 4a NB [334, 1594], NB, NS [335] and NB, PEI [333], Nfld [339]. Causes scab of potato, but can infect other plants.

Talaromyces thermophilus: on 4, 6 Sask [1113].

Tetracladium setigerum: on 5 BC [43].

Thanatephorus cucumeris (Pellicularia praticola) (anamorph *Rhizoctonia solani*): on 4 Sask [338]; on 4a Sask [1319].

Trichoderma pseudokoningii: on 4 Sask and 4, 6 Man [1113].

Typhula umbrina (C:63): on 6c BC [1816].

Ulocladium consortiale (Alternaria c., Stemphylium c.) (C:62): from seeds of 5b, 5c Ont [667].

Verticillium sp.: on 4a Que [334].

V. nigrescens: on 5c Que [38, 392, 393].

Volucrispora aurantiaca: on 5 BC [43].

Wallemia sebi: on seeds of 4 Man [1112].

BRAYA Sternb. & Hoppe CRUCIFERAE

1. *B. humilis* (C.A. Mey.) Robins.; native, Yukon-Frank, BC-Que.
2. *B. purpurascens* (R. Br.) Bunge; native, Mack-Frank, Que, Labr.
3. *B. thorild-wulfii* Ostenf.; native, Frank.

Sphaerotheca fuliginea (C:64): powdery mildew, blanc: on 1, 2, 3 Frank [1586].

BRIZA L. GRAMINEAE

1. *B. minor* L., little quaking grass, petite brige; imported from Eurasia.

Puccinia graminis (C:64): rust, rouille: II III on 1 Ont [1236].

BROMUS L. GRAMINEAE

1. *B. biebersteinii* Roem. & Schult.; imported from USSR.
2. *B. bromoideus* (Lej.) Crépin (*B. arduennensis* Dumont); imported from Europe.
3. *B. carinatus* Hook. & Arn. (*B. alutensis* Rydb.), California brome; native, BC.
4. *B. ciliatus* L., fringed brome, brome cilié; native, Yukon-Mack, BC-Labr.
5. *B. erectus* Huds. sensu lato (*B. syriacus* Boiss. & Blanche, *B. variegatus* auct. non Bieb.), upright brome-grass, brome dressé; imported from Europe, natzd., Yukon, BC.
6. *B. inermis* Leyss. complex (including *B. ornans* Kom. & *B. pumpellianus* Scribn.), smooth brome, brome inerme; native, Yukon-Mack, BC-Nfld, the typical form imported from Eurasia. 6a. *B. inermis* var. *tweedyi* (Scribn.) Hitchc.
7. *B. japonicus* Thunb. (*B. patulus* Mert. & Koch), Japanese brome, brome du Japon; imported from Eurasia.
8. *B. laevipes* Shear; imported from w. USA.
9. *B. lanceolatus* Roth (*B. macrostachys* Desf.); imported from the Mediterranean region.
10. *B. latiglumis* (Shear) A.S. Hitchc.; native, Sask-NB.
11. *B. mollis* L., soft chess, brome mou; imported from Europe, natzd., BC-Alta, Ont-NS.
12. *B. oxydon* Schrenk; imported from the USSR.
13. *B. paulsenii* Drob.; imported from the USSR. 13a. *B. p.* ssp. *angrenicus* (Drob.) Tzvel.
14. *B. purgans* L., laxative brome-grass, brome purgatif; native, Alta-Que.
15. *B. rigidus* Roth (*B. macrantherus* Hack.); imported from Europe.
16. *B. secalinus* L., cheat, brome des siegles; imported from Eurasia.
17. *B. sitchensis* Trin.; native, BC.
18. *B. squarrosus* L.; imported from Eurasia, natzd., BC, Man.
19. *B. sterilis* L., barren brome grass, brome stérile; imported from Eurasia, natzd., BC, Ont.
20. *B. tectorum* L., downy brome, brome des toits; imported from Eurasia, natzd., Yukon, BC-NS.
21. *B. tyttholepis* (Nevski) Holub.; imported from the USSR.
22. *B. vulgaris* (Hook.) Shear; native, BC-Alta.
23. *B. willdenowii* Kunth (*B. uniloides* HBK), rescue grass, brome de Schrader; imported from South America.
24. *Bromus* hybrids.
25. Host species not named, i.e., reported as *Bromus* sp.

Acremonium boreale: on 6 BC, Alta, Sask [1707].

Alternaria alternata (A. tenuis auct.*)* (C:64): on 6 Sask [1711].

Bipolaris sorokiniana (Helminthosporium sativum) (holomorph *Cochliobolus sativus*) (C:64): leaf spot, tache des feuilles: on 6 Alta [120], Sask [961].

Cercosporidium graminis (Passalora g., Scolecotrichum g.) (C:65): brown stripe, strie-brune: on 3, 6 BC [1816]; on 17 BC [1728].

Claviceps sp.: on 4 BC and on 6 Alta [1781].

C. purpurea (C:64): ergot, ergot: on 3, 6, 7, 9, 12, 16, 18 Sask [339]; on 6 BC [1816], Alta [334, 338], Sask [336, 337, 1184]; Ont, Que [335], NB [333, 1195].

Colletotrichum graminicola (C. vermicularia): on wilted leaves of 14 Ont [1502]; on 25 Que [335].

Curvularia geniculata: on 25 Sask [339].

Drechslera bromi (holomorph *Pyrenophora bromi*) (C:65): leaf blotch, tache des feuilles: on 1, 6, 8, 23 Sask [339]; on 6 Alta [119, 121, 123, 124, 133, 336, 338, 1594], Sask [336, 338, 1184], Que [32, 335, 339], NB [1195] and Alta, Man, Ont, PEI [1611]; on 25 BC [1816], Alta [337, 339], Sask [333, 335], NB [333] and Alta, Sask, Ont [1611].

D. tritici-repentis (holomorph *Pyrenophora t.*): on 6 Alta [1595].

Drechslera verticillata (Podosporiella v.) (holomorph *Pyrenophora semeniperda*): on 6 Sask [1594].

Erysiphe graminis (C:65): powdery mildew, blanc: on 6 Sask [338, 1184]; on 25 Sask [336].

Fusarium sp. (C:65): on 6 Sask [339, 1695].

F. poae (C:65): on 6 Alta [121, 123, 124].

Hendersonia crastophila: on 6 Sask [1631]. This name is of dubious application, possibly the same as *Wojnowicia hirta*. See comment under *Hendersonia* sp. on *Abies*.

Leptosphaeria sp.: on 6 Que [334]. Appeared to be associated with *Stagonospora bromi*.

L. luctuosa: on 6 Sask [1631].

Ligniera pilorum: on 6 Ont [60].

Metasphaeria bromigena (C:65): on 6 Yukon [1731].
Myxormia atroviridis: on overwintered culms of 6 Sask [1631].
Ophiobolus herpotrichus: on 6 Sask [1620, 1631].
Ovularia sp.: on 3 BC [1728].
Phaeosphaeria herpotrichoides (Leptosphaeria h.): on 6 Sask [1631].
Phloeospora idahoensis (holomorph *Didymella festucae*): on 6 Alta [1708].
Phyllachora graminis: tar spot, rayure goudronneuse: on 6 Que [335].
Phyllosticta sp.: on 17 BC [1728].
Pithomyces chartarum: on overwintered culms of 6 Sask [1631].
Polymyxa graminis: on 6 Ont [60, 194].
Pseudorobillarda agrostis (Robillarda a.): on 6 Sask [1201].
Pseudoseptoria bromigena (Selenophoma b., Septoria b.) (C:65): leaf spot, tache des feuilles: on 3 Yukon [1731], BC [1728]; on 6 BC [1696, 1728], Alta [119, 121, 123, 124, 133, 1594, 1697], Sask [333, 335, 339, 1184, 1694, 1695, 1698, 1709, 1710, 1763], Man [1763], Nfld [336] and Alta, Sask [337, 338, 1696]; on 13a Sask [339]; on 25 Alta [336], Sask [333, 336], Nfld [335].
Puccinia coronata (C:65): crown rust, rouille couronnée: II III on 6 Yukon [1731], Alta [644]; on 25 BC [1012].
P. coronata var. *bromi* (C:65): rust, rouille: III on 25 Sask [1839].
P. recondita s.l. (C:65): leaf rust, rouille des feuilles: on 1, 2 Sask [339]; on 3, 11 BC [1816]; II III on 4, 10, 14 Ont [1236]; on 6 Sask [339]; on 22 BC [1012].
P. striiformis (C:65): stripe rust, rouille striée: on 3, 17 BC [1816]. In the strict sense *P. striiformis* is a rust of Triticeae. It remains to be demonstrated whether it is biologically distinct from the rust on *Bromus* [1585].
Pyrenophora bromi (C:65): leaf blotch, tache helminthosporienne: on 1, 3, 6, 21, 24 Sask [1699]; on 5, 6, 15 Sask [1696]; on 6 BC [1696], Alta [1594, 1595, 1696, 1697], Sask [1594, 1631, 1694, 1695, 1697, 1709, 1710], Que [1611].
P. semeniperda (anamorph *Podosporiella verticillata*): on seeds of 25 Alta [1617].
Ramularia pusilla (C:65): on 6 Yukon [1731].
Rhizoctonia solani (holomorph *Thanatephorus cucumeris*): on 25 Ont [243].
Rhizophydium graminis: on 6, 7 Ont [59].
Rhynchosporium secalis (C:65): scald, échaudage: on 6 BC [1696], Alta [119, 121, 123, 124, 338, 1594, 1696], Sask [336, 338, 339, 1184, 1694, 1695, 1696, 1709], NB [333, 1195]; on 25 Sask [1699].
Sclerophthora macrospora: downy mildew, mildiou: on 6 Alta, Sask, Man [338]; on 6 Alta [336].
Sclerotinia borealis (C:65): snow mold, moisissure des neiges: on 5, 6 BC [1816].
Septoria sp.: on 6 Sask [339, 1695].
S. bromi (C:65): leaf spot, tache septorienne: on 6 Sask [1184, 1631, 1694], Que [335]; on 25 Sask [336].
Sporotrichum sp.: on 6 Sask [338, 339, 1694, 1695].
Stagonospora avenae (Septoria a.) (holomorph *Phaeosphaeria avenaria*): on 3 BC [1728].
S. bromi (C:65): leaf spot, tache stagonosporéenne: on 4 NB [333, 1195]; on 6 Que [334].
S. foliicola: on 6 Sask [1631].
Stemphylium botryosum: on 6 Sask [1711].
Trichothecium roseum: on 6 Sask [1711].
Ustilago bullata (C:65): smut, charbon: on 4 NB [333, 1195]; on 11, 17, 19, 20 BC [1816]; on 20 BC [335, 336, 339].

BROWALLIA L. SOLANACEAE

Annual or perennial herbs of tropical America. Often grown in the greenhouse or in gardens for their flowers.

1. *B. americana* L.; native to tropical America.
2. *B. viscosa* HBK; native to Peru.

Verticillium dahliae: on 1 BC [1978]; on 2 BC [1816].

BUPLEURUM L. UMBELLIFERAE

1. *B. ranuculoides* L. (*B. americanum* C. & R.), wet places or shallow water at low to fairly high elevations, Yukon-Mack, se. BC-sw. Alta.

Puccinia bupleuri (C:66): rust, rouille: on 1 Yukon [1551].

BUXUS L. BUXACEAE

1. *B. sempervirens* L., common box, buis commun; native to Europe, n. Africa and w. Asia.

Macrophoma candollei (C:66): leaf blight, brûlure des feuilles: on 1 BC [1816].
Microthyrium macrosporum: on 1 Ont [1342].
Phomopsis stictica (C:66): on 1 BC [1816].
Phyllosticta sp.: on 1 BC [1816].
Volutella buxi (C:66): on *B.* sp. Ont [1828].

CAKILE Hill CRUCIFERAE

1. *C. edentula* (Bigel.) Hook., sea rocket, caquillier édentulé; native, BC, Ont-Labr.

Peronospora cakile (C:66): downy mildew, mildiou: on 1 Que [282].

CALAMAGROSTIS Adans. GRAMINEAE

1. C. *canadensis* (Michx.) Nutt., Bluejoint, foin bleu; native, Yukon-Labr.
2. C. *inexpansa* Gray, contracted reed grass, calamagrostis contracté; native, Yukon-Keew, BC-Que, NS, Nfld.
3. C. *purpurascens* R. Br. 3a. C. *p.* var. *maltei* Polunin; Mack, Alta-Man, Ont-Que, Nfld.
4. C. *rubescens* Buckl., pine grass, calamagrostide rougissant; native, BC-Man.
5. C. *stricta* (Timm.) Koeler (C. *neglecta* (Ehrh.) Gaertn., Mey. & Scherb.); native, Mack-Labr.

Cheilaria agrostis (Septogloeum oxysporum) (C:67): on 1 Alta [333], Que [1730].
Claviceps sp.: on 2 Sask [1781].
C. purpurea (C. microcephala) (C:66): ergot, ergot: on 1 BC [1816], Alta [333, 334, 1594], Ont, Que [335], NB [333, 1195]; on 5 Que [282]; on flowers of C. sp. Que [1385].
Colletotrichum graminicola (C:66): on 1 Ont [1729].
Cylindrosporium calamagrostidis: on 1 Que [335].
Drechslera catenaria (C:66): on 1 Ont [1611].
D. tritici-repentis (holomorph *Pyrenophora* t.) (C:66): on 1 Ont [1611].
Fusarium avenaceum (C:66): on 1 NB [333, 1195].
Mastigosporium rubricosum (C:67): on 1 Que [335], NB [333, 1195].
Phaeoseptoria sp.: on 2 Man [1729].
Pseudoseptoria everhartii (Selenophoma e.) (C:67): on 2 BC [1728]; on 3 Yukon [1731]; on 3a Frank [1729].
Puccinia coronata (C:67): crown rust, rouille couronnée: II III on 1 Ont [1236]; on 3 Yukon [1731]; on 4 BC [1012]; on C. sp. Que [335].
P. coronata f. sp. *calamagrostidis* (C:67): on 1 NB [333, 1195].
Stagonospora simplicior (C:67): on 2 Man [1729].
Ustilago salvei (U. striiformis auct.*)* (C:67): smut, charbon: on C. sp. Man [1594].

CALAMOVILFA (Gray) Hack. GRAMINEAE

1. C. *longifolia* (Hook.) Scribn., sand-reed; native, BC-Ont.

Claviceps sp.: on 1 Alta [1781].
Drechslera tritici-repentis (holomorph *Pyrenophora* t.) (C:67): on 1 Ont [1611].
Puccinia sporoboli (C:67): rust, rouille: II III on 1 Alta, Ont [1236].

CALENDULA L. COMPOSITAE

1. C. *officinalis* L., pot-marigold, souci officinal; imported from Europe.

Entyloma polysporum: smut, charbon: on 1 NS [337, 338]; on C. sp. NS [336].

CALLISTEPHUS Cass. COMPOSITAE

1. C. *chinensis* (L.) Nees, china aster, reine-marguerite; native to China.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:68): stem or flower blight, moisissure grise: on 1 BC [1816].
Coleosporium asterum (C:68): red rust, rouille rouge: II III on 1 Ont [1236], NS [334].
Fusarium oxysporum f. sp. *callistephi* (C:68): wilt, flétrissure fusarienne: on 1 BC [1816], Alta [338, 339], Sask [339], Man [334], NS [336].
Oidium sp.: powdery mildew, blanc: on 1 BC [1816].
Phytophthora cryptogea (C:68): foot rot, mildiou du pied: on 1 BC [1816].
Verticillium dahliae: wilt, flétrissure: on 1 BC [1816, 1978].

CALOCEDRUS Kurz. CUPRESSACEAE

Monoecious, coniferous, evergreen trees native to Taiwan, s. China, and Burma.

1. C. *decurrens* (Torr.) Florin (*Libocedrus d.* Torr.); imported from USA.

Lepteutypa cupressi: on 1 BC [1012].

CALOCHORTUS Pursh LILIACEAE

1. C. *apiculatus* Baker; native, BC-Alta.
2. C. *macrocarpus* Dougl., sagebrush mariposa lily; native, BC.

Puccinia calochorti (C:68): rust, rouille: on 1 BC [1012]; on 1, 2 BC [1545, 1816]; on 2 BC [1586].

CALTHA L. RANUNCULACEAE

1. C. *asarifolia* DC.; native, BC.
2. C. *leptosepala* DC., elkslip, populage à sépales étroits; native, Yukon, BC-Alta.
3. C. *palustris* L., cowslip, souci d'eau; native, Yukon-Frank, BC-Nfld.

Aecidium sp.: rust, rouille: on 2 BC [1012].
Botryotinia calthae (C:68): on 3 Ont, Que [718].
Erysiphe communis (E. polygoni) (C:68): powdery mildew, blanc: on 3 Alta, Ont [1257].
Pseudopeziza calthae (Fabraea rousseauana) (C:68): on 2 BC [1816].
Puccinia sp.: rust, rouille: on 2 BC [1012].
P. areolata (C:68): rust, rouille: on 1 BC [1012]; on 1, 2 BC [1816].

P. calthae (C:68): rust, rouille: 0 I II III on 3 Ont [1236].

P. calthicola (C:68): rust, rouille: 0 I II III on 3 Ont [1236].

Verpatinia calthicola (C:68): on 3 Ont [662].

CAMASSIA Lindl. LILIACEAE

1. *C. quamash* (Pursh) Greene, quamash; native, found in wet meadows, BC-sw. Alta.

Urocystis colchici (C:68): smut, charbon: on 1 BC [1012, 1545, 1816].

CAMELINA Crantz CRUCIFERAE

1. *C. microcarpa* Andrz., small-seeded false flax, caméline à petits fruits; imported from Eurasia, introduced, BC-Nfld.

The following five fungi were isolated from hypertrophies caused by *Albugo cruciferarum* on 1 Sask [1324]:

Alternaria alternata.
A. brassicae.
Cladosporium sp.
Epicoccum sp.
Fusarium roseum.

CAMELLIA L. THEACEAE

1. *C. japonica* L., common camellia, camélia du Japon; native to Japan, s. Korea and Taiwan.

Hendersonia sp.: on 1 BC [335, 1816]. See comment under *Abies*.

Varicosporium elodeae: on 1 BC [43].

CAMPANULA L. CAMPANULACEAE

1. *C. medium* L., canterbury bells, campanule carillon; imported from Europe.
2. *C. persicifolia* L., peach-leaved bellflower, campanule à feuilles de pêcher; native from Europe to ne. Asia.
3. *C. rapunculoides* L., creeping bellflower, campanule fausse-raiponce; native to Eurasia.
4. *C. rotundifolia* L., bluebell, campanule à feuilles rondes; native, Yukon-Labr, only as a garden escape in PEI.

Coleosporium campanulae (C:69): rust, rouille: II III on 1, 2 BC [2008]; on 2 BC [1012, 1816]; on 2, 3, 4, *C.* sp. Ont [1236]; on 4 Ont [1828], Que [F66]; on *C.* sp. Ont [1341].

Pleospora helvetica (C:69): on 4 Que [70].

P. phaeospora (C:69): on 4 Que [70].

Ramularia macrospora (C:69): leaf spot, tache ramularienne: on 1 BC [1816].

Sclerotinia sclerotiorum (C:69): stem rot, pourriture sclérotique: on 1 BC [1816]; on 3 Sask [1140].

CANNA L. CANNACEAE

1. *C. x generalis* L.H. Bailey, common garden canna, balisier; introduced, herbs of tropical America.

Alternaria sp.: on 1 Ont [1808].

Myrothecium verrucaria: on 1 Ont [1808].

CAPSELLA Medic. CRUCIFERAE

1. *C. bursa-pastoris* (L.) Medic., shepherd's purse, tabouret; imported from Eurasia, natzd., Yukon-Mack, BC-Nfld.

Albugo candida (A. cruciferarum) (C:70): white rust, rouille blanche: on 1 BC [1816], Sask [1321, 1323, 1594].

Colletotrichum dematium: on 1 Sask [1323].

Ligniera pilorum: on 1 Ont [60].

Mycosphaerella brassicicola: ringspot, tache annulaire: on 1 Sask [1319, 1323].

Peronospora parasitica (C:70): downy mildew, mildiou: on 1 BC [1816], Sask [1320].

Pseudocercosporella capsellae: on 1 Sask [1326].

Pythium sp.: isolated from infected rootlets of 1 BC [1977].

P. polymastum: on 1 Sask [1873].

Rhizophydium graminis: on 1 Ont [59].

Verticillium dahliae: on 1 BC [38, 1816, 1978].

CAPSICUM L. SOLANACEAE

1. *C. annuum* L. var. *annuum* (*C. frutescens* in part), sweet or red pepper, piment; frequently cultivated.

Alternaria solani (C:70): early blight, brûlure alternarienne: on 1 Ont [1460, 1594], Que [348].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:70): gray mold, moisissure grise: on 1 BC [1816], Alta [339], NS [337]; on *C.* sp. NS [336].

Colletotrichum coccodes (C:70): anthracnose, anthracnose: on 1 Ont [334, 836].

Fusarium sp. (C:70): on 1 Ont [1460, 1594].

Leiothecium ellipsoideum: on 1 BC [1012, 1535].

Petriella sordida: on *C.* sp. Ont [85].

Phoma destructiva: phoma rot, pourriture phoméenne: on 1 Ont [1460, 1594].

Pythium sp. (C:70): damping-off, fonte des semis: on 1 Ont [868 by inoculation, 1460, 1594].

P. irregulare: on 1 Ont [868] by inoculation.

P. sulcatum: on 1 Ont [868] by inoculation.

P. sylvaticum: on 1 Ont [868] by inoculation.

P. ultimum (C:70): leak, pourriture aqueuse: on 1 BC [1816].

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:70): on 1 Ont [334, 1460, 1594].

Sclerotinia sclerotiorum (C:70): rot, pourriture sclérotique: on 1 BC [1816].

Stilbella flavescens: on 1 Que [2]. A symptomless parasite.

Ulocladium consortiale (Stemphylium c.): on 1 BC [1816].

Verticillium sp. (C:70): wilt, flétrissure verticillienne: on 1 Ont [161, 1594]; on *C.* sp. Ont [96].

V. albo-atrum: wilt, flétrissure verticillienne: on 1 Ont [333].

V. dahliae: wilt, flétrissure verticillienne: on 1 BC [38, 337, 338, 339, 1816, 1978, 1981], Ont [334, 337, 338, 339, 461, 1087, 1460]; on *C.* sp. BC, Ont [335, 336].

CARAGANA Lam. LEGUMINOSAE

1. *C. arborescens* Lam., Siberian pea tree, arbre aux pois; imported from Asia, escaped from cult., Alta-Man.
2. Host species not named, i.e., reported as *Caragana* sp.

Camarosporium caraganae (C:71): on 2 Sask [1594, F67, F68]. A presumed anamorph of *Cucurbitaria caraganae*.

Cladosporium herbarum: on 2 Sask [1760].

C. macrocarpum: on 2 Sask [1760].

Cucurbitaria caraganae (C:71): on 2 Sask, Man [1594, F67], Sask [F68], Man [F63].

Cytospora sp.: on 2 NWT-Alta [1063].

Fusarium solani (holomorph *Nectria haematococca*) (C:71): crown rot or wilt, pourridié fusarien: on 1 Que [334].

Phyllosticta sp. (C:71): on 2 Alta [337].

Rhizoctonia lilacina: on 1 Sask [1511].

Septoria caraganae (C:71): leaf spot, tache septorienne: on 1 Sask, Man [339, F66, F70]; on 2 Alta [F66], Sask [1594, F65, F72, F73, F74], Sask, Man [F68, F69, F71], Man [F67].

Tubercularia ulmea: on 2 Sask [F67].

T. vulgaris (holomorph *Nectria cinnabarina*) (C:71): on 2 Sask, Man [1594].

CARDAMINE L. CRUCIFERAE

1. *C. bellidifolia* L.; native, Yukon-Alta, n. Que, Labr.
2. *C. digitata* Richards.; native, n. Yukon - c. Keew.
3. *C. occidentalis* (Wats.) Howell; native, BC.
4. *C. pratensis* L., cuckoo-flower, cardamine des prés; native, Yukon-Keew, Alta-Labr.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:71): on 1 Frank [664, 1586].

Mycosphaerella pyrenaica (C:71): on 1 Frank [1586].

Peronospora parasitica (C:71): downy mildew, mildiou: on 2 Yukon [460]; on 3 BC [1816].

Puccinia cruciferarum (C:71): rust, rouille: on 1 Frank [1239].

P. cruciferarum ssp. *borealis* (C:71): rust, rouille: on 1 Yukon, BC [1548].

P. cruciferarum ssp. *nearctica* (C:71): on 1 Frank [1586, 1548], Que [1548]; on 1, 4 Keew [1548].

Synchytrium aureum (C:71): on 4 Frank [1586].

CAREX L. CYPERACEAE

1. *C. anthoxanthea* Presl; native, Yukon-Mack, BC.
2. *C. aquatilis* Wahlenb., aquatic sedge, carex aquatique; native, Yukon-Labr. 2a. *C. a.* var. *altior* (Rydb.) Mack. (*C. substricta* (Kukenth.) Mack.), subnarrow sedge, carex subétroit; native, transcontinental. 2b. *C. a.* var. *stans* (Drej.) Boott; native, transcontinental.
3. *C. arcta* Boott, bear sedge, carex dru; native, Yukon, BC-NB.
4. *C. arctata* Boott, compressed sedge, carex comprimé; native, Ont-Nfld.
5. *C. atherodes* Spreng.; native, Yukon-Mack, BC-Que.
6. *C. atrata* L.; native, Yukon-Mack, BC-Alta, Ont-Que.
7. *C. atrofusca* Schkuhr; native, Yukon-Keew, Man-Que, Labr.
8. *C. backii* Boott, Back's sedge, carex de Back; native, BC-NB.
9. *C. bebbii* (Bailey) Fern., Bebb's sedge, carex de Bebb; native, Mack, BC-Nfld.
10. *C. bigelowii* All., Bigelow's sedge, carex de Bigelow; native, Mack-Keew, Sask-Man, Que, Nfld-Labr.
11. *C. brevior* (Dewey) Mack., short headed sedge, carex à têtes courtes; native, BC-Que.
12. *C. brunnescens* (Pers.) Poir, brownish sedge, carex brunâtre; native, Yukon-Keew, BC-NS, Nfld.
13. *C. canescens* L., silvery sedge, carex blanchâtre; native, Yukon-Keew, BC-Nfld.
14. *C. cephalophora* Muhl., oval-headed sedge, carex porte-tête; native, Ont-Que.
15. *C. chordorrhiza* L. f., creeping sedge, carex à long rhizome; native, Yukon-Frank, BC-Man, Que-NB, PEI-Nfld.
16. *C. colorata* Mack.; native, Man-Ont.
17. *C. conncinoides* Mack.; native, BC-Alta.
18. *C. crawfordii* Fern., Crawford's sedge, carex de Crawford; native, Yukon-Mack, BC-Nfld.
19. *C. crinita* Lam., fringed sedge, carex crépu; native, Man-Nfld.
20. *C. cristatella* Britt., crested sedge, carex accrêté; native, Alta-Que.
21. *C. debilis* Michx., flexuous sedge, carex flexueux; native, Ont-Nfld.
22. *C. demissa* Hornem.; native, Ont-Nfld.

23. *C. disperma* Dewey, two-seeded sedge, carex disperme; native, Yukon-Keew, BC-Nfld.
24. *C. eburnea* Boott, ivory sedge, carex ivoirin; native, Yukon-Mack, BC-Nfld.
25. *C. exilis* Dewey, starved sedge, carex maigre; native, Ont-NS, Nfld-Labr.
26. *C. festucaceae* Schkuhr; native, Ont.
27. *C. flava* L., yellow sedge, carex jaune; native, BC-Nfld.
28. *C. folliculata* L., folliculate sedge, carex folliculé; native, Ont-Nfld.
29. *C. geyeri* Boott; native, BC-Alta.
30. *C. gracillima* Schw., filiform sedge, carex filiforme; native, Man-Nfld.
31. *C. gynocrates* Wormsk., ridged sedge, carex à côtes; native, Yukon-Keew, BC-Labr.
32. *C. hirtifolia* Mack., hairy sedge, carex à feuilles poilues; native, Ont-NS.
33. *C. houghtonii* Torr., Houghton's sedge, carex de Houghton; native, Alta-NS.
34. *C. intumescens* Rudge, bladder sedge, carex gonflé; native, Man-NS.
35. *C. lacustris* Willd., lake sedge, carex lacustre; native, Alta-PEI.
36. *C. lasiocarpa* Ehrh. (*C. filiformis* auct. Amer.), villose sedge, carex à fruits tomenteux; native, Mack, BC-NS.
37. *C. laxa* Wahlenb.; native, Mack.
38. *C. laxiflora* Lam., distant-flowered sedge, carex laxiflore; native, Man-NS. 38a. *C. l.* var. *blanda* (Dewey) Boott (*C. blanda*), smooth sedge, carex lisse; native, Man-Que.
39. *C. lenticularis* Michx., lenticular sedge, carex lenticulaire; native, BC-NS, Nfld.
40. *C. leptalea* Wahlenb., bristle-stalked sedge, carex à tiges grêles; native, Yukon-Mack, BC-Nfld.
41. *C. limosa* L., mud sedge, carex des bourbiers; native, Yukon-Keew, Ont-Labr.
42. *C. livida* (Wahlenb.) Willd., livid sedge, carex livide; native, Yukon, BC-Nfld.
43. *C. lupuliformis* Sartwell; native, Ont.
44. *C. lupulina* Muhl., hop sedge, carex houblon; native, Ont-NS.
45. *C. lyngbyei* Hornem.; native, BC, Que, Labr.
46. *C. macrochaete* Mey.; native, Yukon, BC.
47. *C. maritima* Gunn; native, Yukon-Keew, Man, Nfld-Labr.
48. *C. mertensii* Prescott; native, Yukon, BC.
49. *C. misandra* R. Br.; native, Yukon-Keew, Alta, Labr.
50. *C. nardina* Fries; native, Yukon-Frank, BC-Alta, Que.
51. *C. obnupta* Bailey; native, BC.
52. *C. obtusata* Lilj.; native, Yukon-Mack, BC-Man.
53. *C. pauciflora* Lightf., pauciflorous sedge, carex pauciflore; native, Yukon, BC-Nfld.
54. *C. paupercula* Michx., stunted sedge, carex chétif; native, Yukon-Mack, BC-Nfld. 54a. *C. p.* var. *p.* (*C. magellanica* Lam.).
55. *C. pedunculata* Muhl., peduncled sedge, carex pédoncule; native, Man-Nfld.
56. *C. pensylvanica* Lam., Pennsylvania sedge, carex de Pensylvanie; native, BC-NS.
57. *C. petricosa* Dewey; native, Yukon-Mack, BC-Alta, Que, Nfld.
58. *C. phyllomanica* Boott; native, BC.
59. *C. plantaginea* Lam., plantain leaved sedge, carex plantain; native, Ont-NS.
60. *C. pluriflora* Hult.; native, BC.
61. *C. praegracilis* Boott; native, Yukon, BC-Ont.
62. *C. pseudo-cyperus* L., cyperus-like sedge, carex faux-souchet; native, Alta-Nfld.
63. *C. pyrenaica* Wahlenb.; native, Yukon-Mack, BC-Alta.
64. *C. retrorsa* Schw., retrorse sedge, carex réfléchi; native, Mack, BC-Nfld.
65. *C. rosea* Schkuhr, stellate sedge, carex roseau; native, Man-PEI.
66. *C. rostrata* Stokes, beaked sedge, carex rostré; native, Yukon-Keew, BC-Nfld. 66a. *C. r.* var. *utriculata* (Boott) Bailey; somewhat more southern in distribution.
67. *C. rupestris* Bellardi, rock sedge, carex des rochers; native, Yukon-Keew, Alta, Man, Que, Nfld-Labr.
68. *C. salina* Wahlenb. (*C. lanceata* Dew.), salt-marsh sedge, carex salin; native, Man-Labr.
69. *C. saxatilis* L.; native, Frank, Sask-Labr. 69a. *C. s.* var. *miliaris* (Michx.) Bailey (*C. miliaris* Michx.), miliary sedge, carex miliaire; native, Frank, Sask-NS, Nfld-Labr. 69b. *C. s.* var. *s.* (*C. s.* ssp. *laxa* (Trautv.) Kalela); native, Frank, n. Que.
70. *C. scabrata* Schw., rough sedge, carex scabre; native, Ont-PEI.
71. *C. scirpoidea* Michx., scirpoid sedge, carex faux-scirpe; native, Yukon-Alta, Man-Que, NS, Nfld-Labr.
72. *C. scoparia* Schkuhr, broom sedge, carex à balais; native, BC-Nfld.
73. *C. siccata* Dewey (*C. foenia* Willd.); native, Yukon-Mack, BC-Que.
74. *C. sitchensis* Prescott; native, BC.
75. *C. sparganioides* Muhl., bur-reed sedge, carex faux-rubanier; native, Ont-Que.
76. *C. spectabilis* Dewey; native, BC-Alta.
77. *C. sprengelii* Dewey, Sprengel's sedge, carex de Sprengel; native, BC-NB.
78. *C. stipata* Muhl., stipitate sedge, carex stipité; native, BC-Nfld.
79. *C. stricta* Lam., stiff sedge, carex raide; native, Man-NS. 79a. *C. s.* var. *strictior* (Dewey) Carey (*C. strictior* Dewey); native, Ont-Que, NS.
80. *C. tenera* Dewey, weak sedge, carex faible; native, BC-NS.
81. *C. tetanica* Schkuhr; native, Man-Ont.
82. *C. tribuloides* Wahlenb., blunt broom sedge, carex tribuloide; native, Ont-NS.
83. *C. trisperma* Dewey, three-fruited sedge, carex trisperme; native, Mack, BC-Nfld.

84. *C. vaginata* Tausch, sheathed sedge, carex engainé; native, Yukon-NB, Nfld-Labr.
85. *C. vesicaria* L., inflated sedge, carex vésiculeux; native, BC-Nfld. 85a. *C. v.* var. *monile* (Tuckerm.) Fern.; native, BC, Ont-NS.
86. *C. viridula* Michx., greenish sedge, carex verdâtre; native, Yukon-Mack, BC-Nfld.
87. *C. vulpinoidea* Michx., fox sedge, carex faux-vulpin; native, BC-Nfld.
88. Host species not named, i.e., reported as *Carex* sp.

Acremonium sp.: on 88 NWT [1969]. Probably saprophytic.

Anthracoidea altera: smut, charbon: on 49 Frank [1169].

A. americana: smut, charbon: on 66 Yukon, Que and on 85 Ont [1169].

A. atratae (C:73): smut, charbon: on 2b Frank [1586]; on 6 Yukon, BC [1169]; on 76 BC [1578].

A. bigelowii (Cintractia limosa var. *minor)* (C:73): smut, charbon: on 10 Que, Labr [1171].

A. caricis (Ustilago c., U. urceolorum) (C:73): smut, charbon: on fruits of 13, 73 Ont [437]; on 49 Frank [1372].

A. caricis-pauciflorae (C:73): smut, charbon: on 53 BC [1169].

A. caryophylleae (C:73): smut, charbon: on 52 Yukon [1169].

A. elynae (Cintractia carpophila var. *elynae)* (C:73): smut, charbon: on 61 BC [1816].

A. fischeri (Cintractia f.) (C:73): smut, charbon: on 13 Mack, BC [1168, 1169].

A. heterospora (Cintractia caricis var. *acutarum)* (C:73): smut, charbon: on 2 Yukon [1171], Ont [1341]; on 2a Que [282].

A. karii (Cintractia carpophila var. *carpophila* sensu Savile, pro parte*)* (C:73): smut, charbon; on 23 Yukon, Alta [460, 1570].

A. lasiocarpae (C:73): smut, charbon: on 69a Nfld and on 69b Que [1169].

A. laxae: smut, charbon: on 37 Mack [1169].

A. limosa (Cintractia limosa var. *limosa)* (C:73): smut, charbon: on 41 Que [282].

A. liroi: smut, charbon: on 68 Frank, Labr [1171].

A. misandrae (C:73): smut, charbon: on 7 Keew and on 57 BC [1169].

A. nardinae (A. elynae var. *nardinae)* (C:73): smut, charbon: on 50 Frank [1586].

A. paniceae (C:73): smut, charbon: on 84 "Yukon-Nfld" [1169], Alta [644].

A. rupestris (C:73): smut, charbon: on 67 Frank [1244].

A. scirpoideae (C:73): smut, charbon: on 71 Alta [644].

A. subinclusa (C:73): smut, charbon: on 69 Que and on 85 Ont [1169].

A. turfosa: smut, charbon: on 25 Que, NS, Labr and on 31 Que [1168, 1169].

Buergenerula biseptata: on 2 Yukon [76].

Cercospora caricis (C. caricina, C. microstigma): on leaves of 38 [1502], 65 [440] Ont.

Cladosporium cladosporioides: on 88 NWT [1969].

C. herbarum: on 88 BC [1012].

Clasterosporium caricinum (C:74): on 2 Yukon, Mack and on 2b Frank [1586].

Claviceps purpurea: ergot, ergot: on 73 Ont [1827]. Specimens should be compared with *C. grohii*.

Didymella glacialis (C:74): on 88 Que [70].

Galerina subbadipes: on rotted debris of 88 Que [1385].

Geomyces pannorum (Chrysosporium verrucosum): saprophytic on 88 NWT [1969].

Leptosphaeria sp. (C:74): on 4 Que [282].

Melanodothis caricis: on 1, 42, 45, 46, 53, 58, 60, 74, 86, 88 BC [11]; on 42 BC [1012]; on 53, 74 BC [13].

Melanotus caricicola: on 88 Ont [1437].

Mortierella sp.: saprophytic on 88 NWT [1969].

Mucor sp.: saprophytic on 88 NWT [1969].

Mycena cariciophila: on 88 NB [1432].

Mycosphaerella lineolata (C:74): on 88 Que [70].

M. tassiana var. *tassiana* (C:74): on 88 Que [70].

Myriosclerotinia caricis-ampullaceae: on 2 Man [666].

M. longisclerotialis: on 88 Man [666].

Neottiospora caricina: on old leaves of 88 Ont [1161, 1616].

Orphanomyces arcticus (C:75): smut, charbon: on 47 Frank [1562, 1586].

Paraphaeosphaeria michotii (Leptosphaeria folliculata) (C:74): on 28 Ont [1621].

Penicillium sp.: saprophytic on 88 NWT [1969].

Phaeosphaeria eustoma: on 88 Que [70].

P. herpotrichoides: on 88 Que [70].

Phialophora sp.: saprophytic on 88 NWT [1969].

Phoma herbarum: saprophytic on 88 NWT [1969].

Phomatospora therophila (C:74): on 88 Que [70].

Pleospora straminis: on leaves of 88 Que [142].

Puccinia sp.: rust, rouille: on 17 BC [1012].

P. atrofusca (C:75): rust, rouille: on 29 Alta [1578].

P. bolleyana (C:75): rust, rouille: II III on 33 Que [F60]; on 43, 44 Ont [1236].

P. caricina (C:75): rust, rouille: II III on 2, 10, 59 Que [1236]; on 4 Ont [1341]; on 4, 12, 13, 16, 18, 19, 21, 22, 24, 27, 30, 32, 34, 35, 38a, 39, 55, 62, 66a, 70, 79a, 81, 83, 85, 87, 88 Ont [1236]; on fossilized 5 Sask [394a]; on 48 BC [1012]; on 88 Alta [952], Ont [1828].

P. caricis-shepherdiae (C:75): rust, rouille: II III on 10 Que [1236]; on 24 Ont [1236]; on 88 BC [953], Alta [951].

P. caricis-strictae: rust, rouille: on 51 BC [1012].

P. dioicae (C:75): rust, rouille: II III on 8, 9, 11, 14, 15, 18, 20, 23, 26, 56, 65, 72, 73, 75, 77, 78, 80, 82, 87, 88 Ont [1236]; on 88 Alta [952].

P. karelica (C:75): rust, rouille: II III on 54 Ont, Que [1236].

P. karelica ssp. *karelica*: rust, rouille: II III on 60 BC [1550].

P. karelica ssp. *laurentina*: rust, rouille: on 54a Ont, Que, NS, Nfld, Labr [1550].

P. limosae (C:75): rust, rouille: II III on 3, 19, 41, 85, Ont [1236]; on 41 BC [1550].

P. microsora (C:75): rust, rouille: II II III on 64, 85, 85a Ont [1236].

P. minutissima (C:75): rust, rouille: II III on 2, 36, 40 Ont [1236].

P. uniporula (P. caricis var. *uniporula)* (C:75): rust, rouille: on 4 Que [282].

Rutola graminis: on 44 Ont [332].

Rutstroemia paludosa (C:75): on 88 Ont [429], Que [662].

Schizonella pusilla (S. melanogramma auct.*)* (C:75): on 71 Alta [644].

Sclerotinia sp.: on 2b Frank [1586].

S. arctica (C:75): on 2 Keew and on 2b Frank [428, 664].

Septoria caricis (C:75): on 84 NB [1036].

Thecaphora apicis (C:75): on 63 BC [1578].

Torula graminis (T. caricina): on dead leaves of 44 Ont [440].

Trimmatostroma sp.: on 88 NWT [1969].

Uromyces perigynius (C:75): rust, rouille: II III on 9, 20, 82 Ont [1236].

Wettsteinina macrotheca (C:75): on 88 Que [70].

W. niesslii (C:75): on 88 Mack [70].

CARPINUS L. BETULACEAE

1. *C. caroliniana* T. Walt. (*C. americana* Michx.), blue-beech, charme de Caroline; native, Ont-Que. 1a. *C. c.* var. *virginiana* (Marsh.) Fern.; northern form of *C. caroliniana*.
2. Host species not named, i.e., reported as *Carpinus* sp.

Aschersonia carpinicola: on dead bark of 1 Ont [440]. Probably on an insect.

Cheirospora botryospora: on 1 Ont [1340].

Conoplea globosa (C:75): on 1 Ont [784].

C. olivacea (C. sphaerica) (C:75): on 2 Ont, Que [784].

Coriolus versicolor (Polyporus v.): on 2 Ont [1827]. See *Abies*.

Coryneum carpinicola: on 1 Ont [1762, 1763]; on 2 Ont [1762].

Cryptosporiopsis fasciculata (holomorph *Pezicula carpinea*): on 1 Ont [1340].

Diaporthe bakeri: on 2 Ont [1340].

Diatrype albopruinosa: on 1 Ont [1354].

Eutypella cerviculata: on 2 Ont [1340].

Ganoderma applanatum (C:75): on 2 NS [1032]. See *Abies*.

Lenzites betulina: on 1 Ont [1341]. See *Acer*.

Massarina eburnea: on 2 Ont [1340].

Melanconis chrysostroma var. *ellisii* (*M. chrysostroma* var. *carpinigera* (C:75): on 1, 2 Ont [1340]; on 1a Ont [F60].

Nectria sp.: on 2 Ont [1828].

Pezicula carpinea (C:76): on 1, 2 Ont [1340].

Phellinus igniarius (Fomes i.) (C:75): white trunk rot, carie blanche du tronc: on 1 Ont [1341], Que [1377].

Phyllactinia guttata: powdery mildew, blanc: on 2 Ont [1257].

Pleomassaria carpini (C:76): on 1 Ont [F63]; on 2 Ont [1340].

Robergea cubicularis: on 2 Ont [1608].

Rutstroemia bolaris (C:76): on 1a Ont [F60]; on 2 Ont [1340].

Taphrina australis (Gloeosporium carpinicolum) (C:75): on leaves of 1 Ont [440].

Teratosperma cornigerum (Clasterosporium pulcherrimum): on 1, 2 Ont [808].

CARTHAMUS L. COMPOSITAE

1. *C. tinctorius* L., safflower, safran bâtard; imported from Eurasia.

Alternaria carthami (C:76): leaf spot, tache alternarienna: on 1 Sask [1139], Man [335], Ont [334, 335, 336].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:76): gray mold, moisissure grise: on 1 Alta, Man, Ont [1505], Sask on seeds [1314], Ont [335, 336].

Fusarium sp. (C:76): on 1 Sask [1139], Ont [335].

F. roseum: on seeds of 1 Sask [1314].

Puccinia carthami (C:76): rust, rouille: on 1 Alta [1558], Sask [1139, 1558], Man [1558, 1838], Ont [335, 336].

Sclerotinia sclerotiorum (C:76): head rot, pourriture sclérotique: on seeds 1 Alta, Man [1505].

CARYA Nutt. JUGLANDACEAE

1. *C. cordiformis* (Wangenh.) K. Koch (*C. amara* Raf.), bitternut, caryer à noix amères; native, Ont-Que.
2. *C. glabra* (Mill.) Sweet, pignut hickory, caryer à cochous; native, Ont.
3. *C. ovata* (Mill.) K. Koch, shagbark hickory, caryer à noix douces; native, Ont-Que.
4. Host species not named, i.e., reported as *Carya* sp.

Asteroma caryae (Gloeosporium c., Phyllosticta c.) (C:76): anthracnose, anthracnose: on 3 Ont [1340], Que [F76].

Botryodiplodia sp.: on 1 Que [F64, F69].

Ceuthospora caryae: on 1 Ont [195].

Chaetomium sp.: on 1 Ont [1827].

Coniothyrium sp.: on 1 Ont [1827].
Conoplea globosa: on 2 Ont [1340].
C. sphaerica (C:76): on 4 Que [784].
Coriolus versicolor (Polyporus v.): on 3 Ont [1341]. See *Abies*.
Dendrothele microsporum (Aleurocorticium m.): on 4 Ont [965]. Lignicolous, typically on dead branches.
Diplodia caryigena: on 1 Ont [195].
Endophragmiella cesatii: on 3 Ont [809].
Fenestella amorpha: on 3 Ont [1340].
Fusicoccum juglandis: on 1 Ont [195].
Ganoderma applanatum: on 4 Ont [1341]. See *Abies*.
Gloeosporium sp.: on 4 Ont [1340].
Inonotus cuticularis (Polyporus c.): on 1 Que [F71]. See *Acer*.
Melanconis sudans: on 3 Ont [1340].
Melanospora sp. (*Ceratostoma* sp.): on 1 Ont [1340].
Microstroma juglandis (C:76): leaf spot, moisissure blanche: on 3 Ont [F60].
Mycosphaerella dendroides: on 2, 3 Ont [1340].
Phellinus conchatus (Fomes c.): on 3 Ont [1341]. See *Acer*.
P. igniarius (Fomes i.): on 1 Que [F71]. See *Acer*.
Phomopsis sp.: on 1 Ont, Que [1340]; on 3 Que [1377].
Phragmocephala stemphylioides: on 3 Ont [808].
Schizophyllum commune (C:76): white spongy rot, carie blanche spongieuse: on 1 Que [1377]; on 3 Ont [1341].
Stereum sp.: on 4 Ont [1341].
Typhula spathulata (Pistillaria s.): on dead branches of 4 Que [1385].

CASSIOPE D. Don ERICACEAE

1. *C. lycopodioides* (Pall.) D. Don; native, BC.
2. *C. mertensiana* (Bong.) D. Don, white heather; native, BC-Alta.
3. *C. tetragona* (L.) D. Don, bell-heather, cassiopée tétragone; native, Yukon-Alta, n. Que, Labr. 3a. *C. tetragona* var. *saximontana* (Small) Hitchc.; native, Yukon-BC.

Discocainia arctica (Cenangium a.): on 3 Frank [1244].
Exobasidium sp.: on 1 Alta [952].
E. vaccinii (C:77): on 2 BC [1012, 1816]; on 3 Frank [1543], BC [1012].
E. vaccinii var. *vaccinii* (C:77): on 3 Frank [1244, 1586]; on 3a Alta [644].
Gnomoniella hyparctica (C:77): on 3 Mack [764], Keew, Nfld [79].
Odontotrema cassiopes: on 3 Frank [764].
Protoventuria latispora (Antennularia l., Gibbera l.): on overwintered leaves of 3 NWT [73]; on 3 Frank, Alta [764].
Scleropleella hyperborea (Leptosphaeria h., Leptosphaerulina h.) (C:77): on 3 Yukon [460].

CASTANEA Mill. FAGACEAE

1. *C. dentata* (Marsh.) Borkh., chestnut, châtaigner d'Amérique; native, s. Ont.
2. *C. sativa* Mill., European chestnut, châtaigner d'Europe; native in s. Europe, n. Africa and w. Asia.
3. Host species not named, i.e., reported as *Castanea* sp.

Cryphonectria parasitica (Endothia p.) (C:77): blight, brûlure du châtaigner: on 1 BC [1816], Ont [338, 1340, F61]; on 2 BC [1012]; on 3 Ont [1340, F62, F64, F65].
Ganoderma applanatum: on 3 Ont [1341]. See *Abies*.
Microsphaera penicillata: powdery mildew, blanc: on 1 Ont [1257].
Ophiovalsa cinctula (Cryptospora c.) (C:77): on 1 Ont [1340]; on 3 Ont [F60].
Phyllactinia guttata: powdery mildew, blanc: on 1 Ont [1257].
Pseudovalsa modonia (Melanconis m.): on 3 Ont [1340].
Schizophyllum commune: white spongy rot, carie blanche spongieuse: on 2 BC [1012].
Tomentella cinerascens: on 1 Ont [1828].

CASTILLEJA Mutis SCROPHLARIACEAE

1. *C. angustifolia* (Nutt.) G. Don; native, BC-Alta.
2. *C. coccinea* (L.) K. Spreng., scarlet painted cup, castilléjie éclarte; native, Sask-Ont.
3. *C. miniata* Dougl. ex Hook.; native, BC-Ont.
4. *C. occidentalis* Torr.; native, BC-Alta.
5. *C. raupii* Pennell; native, Yukon-Keew, BC-Ont.
6. *C. rhexifolia* Rydb.; native, BC-Alta.
7. *C. septentrionalis* Lindl., common yellow paint-brush, castilléjie septentrionale; native, Alta-NB, Nfld.
8. Host species not named, i.e., reported as *Castilleja* sp.

Cronartium sp.: rust, rouille: on 3, 8 BC [1816]; on 6 Sask [1997, F61]. Probably *Peridermium stalactiforme*.
C. coleosporioides (aecial state *Peridermium stalactiforme*) (C:77): rust, rouille: II III on 1, 3 BC [735]; on 2 Ont [1828]; on 3 BC [2006 inoculated], Alta [557, 1402, F61]; on 3, 4, 5, 6, 7 Alta [735]; on 3, 4, 5, 7, 8 NWT-Alta [1063]; on 3, 8 Alta [950, 952]; on 4, 7 Alta [F64]; on 5 Mack [F63], Mack, Alta [53]; on 6 Sask [735]; on 8 BC [953, 954], Alta [951, 1408].
C. coleosporioides f. *album*: rust, rouille: II III on 3 BC [1012, 2006], Alta [2008].
C. coleosporioides f. *coleosporioides*: rust, rouille: on 3 BC [1012].
C. ribicola: rust, rouille: on 3 Alta [734] by inoculation.
Ophiobolus niesslii: on 2 Man [1620].

Peridermium stalactiforme (holomorph *Cronartium coleosporioides*): rust, rouille: on 3 Alta [1398]; on 6 Sask [1997].
Ramularia castillejae: on 3 BC [1554].
Sphaerotheca fuliginea (C:77): powdery mildew, blanc: on 3 BC [1554].

CATALPA Scop. BIGNONIACEAE

1. *C. bignonioides* Walt., common catalpa, catalpe commun; native in the USA.
2. *C. speciosa* Warder ex Engelm., northern catalpa, catalpe élégant; native in the USA.

Alternaria sp.: on 1 Ont [1594].
A. catalpae (C:77): on 1 Ont [F61]; on *C.* sp. Ont [1340].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:78): on 2 BC [1816].
Irpex lacteus (Polyporus tulipiferae): on *C.* sp. Ont [1341]. See *Acer*.
Verticillium albo-atrum (C:78): wilt, flétrissure: on 2 Que [336]; on *C.* sp. Ont [333, F64].
V. dahliae: wilt, flétrissure: on 2 BC [339, 1978].

CAULOPHYLLUM Michx. BERBERIDACEAE

1. *C. thalictroides* (L.) Michx., blue cohosh, caulophylle faux-pigamon; native, Man-NS.

Erysiphe cichoracearum: powdery mildew, blanc: on 1 Ont [1257].
Streptotinia caulophylli (C:78): on 1 Ont [430], Que [427, 430].

CEANOTHUS L. RHAMNACEAE

1. *C. sanguineus* Pursh, tea tree; native, BC.
2. *C. velutinus* Dougl., snow brush, céanothe velouté; native, BC-Alta.

Cylindrosporium ceanothi (C:78): on 1, 2 BC [1816]; on 2 BC [1012].

CEDRUS Trew PINACEAE

1. *C. deodara* (D. Don) G. Don, deodar cedar, cèdre de l'Himalaya; imported from the Himalayas.

Cytospora abietis: on 1 BC [1012].
Sydowia polyspora (anamorph *Sclerophoma pithyophila*): on *C.* sp. BC [1012].

CELASTRUS L. CELASTRACEAE

1. *C. scandens* L., bittersweet, célastre grimpant; native, Sask-NB.

Phyllactinia guttata (C:78): powdery mildew, blanc: on 1 Man, Ont, Que [1257].
Septogloeum thomasianum: on 1 Ont [1767].

CELTIS L. ULMACEAE

1. *C. occidentalis* L., hackberry, bois inconnu; native, Man-Que.

Polyporus lentus (P. fagicola): on *C.* sp. Que [1385]. Apparently saprophytic on logs.
Sphaerotheca phytoptophila: powdery mildew, blanc: on 1 Ont [1257].

CENTAUREA L. COMPOSITAE

1. *C. cyanus* L., bachelor's buttons, bluet; imported from Europe, escaped from cult., BC-Alta, Ont-Nfld.
2. *C. diffusa* Lam., diffuse knapweed, centaurée diffuse; imported from Eurasia, introduced, BC-Alta.
3. *C. nigra* L., black knapweed, centaurée noire; imported from Europe, escaped from cult., BC, Ont.

Microsphaeropsis centaureae: on 2 BC [1130, 1922, 1923].
Puccinia centaureae var. *centaureae*: rust, rouille: on 3 NS [1558].
P. cyani (C:79): rust, rouille: 0 II III on 1 BC [1816], Ont [1236, 1557, 1558], NS [1557].
P. cyani var. *sublevis*: rust, rouille: on 1 BC [1558].
Sclerotinia sclerotiorum: on 2 BC [892, 1130, 1922, 1923].
Septoria centaureicola var. *brevispora* (C:79): leaf spot, tache septorienne: on 1 BC [1816].

CEPHALANTHUS L. RUBIACEAE

1. *C. occidentalis* L., buttonbush, bois noir; native, Ont-PEI.

Microsphaera penicillata: powdery mildew, blanc: on 1 Que [1257].
Puccinia seymouriana (C:79): rust, rouille: 0 I on 1 Ont [1341], Que [1236].

CERASTIUM L. CARYOPHYLLACEAE

1. *C. alpinum* L.; native, Mack-Keew, n. Sask- n. Man, Labr.
2. *C. arvense* L., field chickweed, ceraiste des champs; native, Yukon-Mack, Alta-Nfld.
3. *C. beeringianum* C. & S.; native, Yukon-Frank, BC-Alta, Nfld-Labr.
4. *C. regelii* Ostenf.; native, Mack-Frank.
5. *C. vulgatum* L., common mouse-ear chickweed, céraiste vulgaire; imported from Eurasia, natzd., Yukon, BC-Nfld.

Isariopsis episphaeria (C:79): on 1 Frank, Keew and on 3, 4 Frank [1586].
Melampsorella caryophyllacearum (M. cerastii) (C:79): rust, rouille: II III on 1 Que [1236]; on 2 NWT-Alta [1063], Alta [644, 950, 952]; on 2, 5 BC

[1012, 1816], Alta [F63, F67]; on *C.* sp. BC, Alta, Sask, Man [2008], Que [1377].

Mollisia affin. *epitypha*: on 4 Frank [664].

Mycosphaerella densa (C:79): on *C.* sp. Frank [1586].

Ophiobolus anguillidus: on 5 Ont [1620].

Puccinia arenariae (C:80): rust, rouille: on 1 Frank [1244], Man, Que [1236].

CERCIS L. LEGUMINOSAE

1. *C. canadensis* L., redbud, bouton rouge; native to USA with one very old report from Ont, however, it is cultivated in Ont.

Verticillium dahliae: on 1 Ont [1811].

CHAENOMELES Lindl. ROSACEAE

1. *C. japonica* (Thunb.) Lindl. ex Spach., Japanese flowering quince, cognassier du Japon; imported from Japan.

Monilinia laxa: on 1 BC [334, 1816].

Podosphaera sp.: powdery mildew, blanc: on *C.* sp. BC [1816].

CHAMAECYPARIS Spach PINACEAE

1. *C. lawsoniana* (A. Murr.) Parl., Lawson false cypress, cyprès de Lawson; native to the sw. USA. 1a. *C. l.* var. *elwoodii*; a cultivar.
2. *C. nootkatensis* (D. Don) Spach., yellow cypress, cyprès jaune; native, BC. 2a. *C. n.* var. *pendula*; a cultivar.
3. *C. pisifera* Sieb. & Zucc., Sawara cedar; native to Japan. 3a. *C. p.* var. *filifera nana aurea*.

Armillaria mellea (C:80): root rot, pourridié-agaric: on 1 BC [1012]. See *Abies*.

Aspergillus sp.: on *C.* sp. BC [1012].

Aureobasidium pullulans: on 2 BC [1722].

Cytospora abietis: on 2 BC [507, 508, 1012].

Gymnosporangium nootkatense (C:80): rust, rouille: II III on 2 BC [1012, 1247, 2008].

Herpotrichia juniperi: on 2 BC [1012].

Kabatina thujae: on 2 BC [508]; on 2, 2a BC [1012].

Kirschsteiniella thujina: on 2 BC [1722].

Lepteutypa cupressi: on 1 BC [1012].

Lophodermium juniperinum (L. juniperi): on *C.* sp. BC [1012].

Nidularia sp.: on 2 BC [1012].

Pestalotia thujae: on 2 BC [508, 1012]. An invalid name because it was published without a Latin description.

Pestalotiopsis funerea (Pestalotia f.) (C:80): on 2 BC [507, 508, 1012].

Phellinus weirii (Poria w.) (C:80): on 2 BC [1012, F65]. See *Abies*.

Phoma sp.: on 1 BC [1012].

Phytophthora sp.: on 1 BC [25, 337]; on 1a, 3a BC [23] by inoculation.

P. cinnamomi (C:80): on 1 BC [23, 25, 26, 334, 337, 338, 1012]; on 1a BC [24, 339]; on 3a BC [23] by inoculation.

P. lateralis (C:80): root and crown rot, pourridié phytophthoréen: on 1 BC [23, 25, 333, 337, 1012]; on 1a BC [26].

Pleospora laricina: on 2 BC [508, 1012].

Pythium sp. (C:80): on 1 BC [1012].

Serpula himantioides: on 2 BC [1012]. See *Abies*.

Seynesiella juniperi: on 2 BC [1012, F72].

Tyromyces sericeomollis (Polyporus s.): on 2 BC [1012]. See *Abies*.

Xeromphalina campanella (C:80): white stringy rot, carie blanche filandreuse: on 2 BC [1012].

CHAMAEDAPHNE Moench ERICACEAE

1. *C. calyculata* (L.) Moench, leatherleaf, faux-bluets; native, Yukon-Keew, BC-Nfld.

Ascochyta cassandrae: on 1 Ont [1828]. Apparently a *Discella*.

Chrysomyxa ledi (C:80): rust, rouille: on 1 Ont [1341].

C. ledi var. *cassandrae (C. cassandrae)* (C:80): rust, rouille: II III on 1 Yukon, Mack, BC, Alta, Sask, Man [2008], NWT-Alta [1063], Mack, Alta [53], BC [1012, 1816], Alta [F64], Sask, Man [F67], Ont [1236], Que [1377]; on *C.* sp. Ont [F60].

Exobasidium vaccinii (C:80): on 1 Que [282], NS [1594]; on *C.* sp. Que [1385].

Gibbera cassandrae (C:80): on 1 Que [70, 73].

Godronia cassandrae (anamorph *Fusicoccum putrefaciens*): on 1 Que [1678] by inoculation.

G. cassandrae f. *cassandrae*: on 1 Ont [656], Que [656, 1525].

Lophodermium orbiculare: on 1 Ont [1340, 1827].

Marasmiellus paludosus: on 1 NB [1435].

Pseudophacidium ledi: on 1 Que [1685].

Psilachnum cassandrae: on 1 Ont, Que, NB [1630].

Stigmatea pulchella (Gibbera p., Venturia p.) (C:80): on 1 Ont [1340], Ont, Que, NB, NS, Nfld [73], NB [1032]; on *C.* sp. Ont [F60].

CHEIRANTHUS L. CRUCIFERAE

1. *C. cheiri* L., wallflower, giroflée jaune; imported from s. Europe.

Alternaria brassicicola: on seeds of 1 Sask [1313].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:81): on 1 BC [1816].

Leptosphaeria maculans (anamorph *Plenodomus lingam*): on seeds of 1 Sask [1325].

Peronospora parasitica (C:81): downy mildew, mildiou: on 1 BC [1816].
Phytophthora megasperma (C:81): foot rot, pourriture du pied: on 1 BC [1816].

CHELONE L. SCROPHULARIACEAE

1. *C. glabra* L., turtlehead, galane glabre; native, Man-Nfld.

Erysiphe galeopsidis (C:81): powdery mildew, blanc: on 1 Ont, Que [1257].
Mollisia atrata: on 1 Ont [1340].

CHENOPODIUM L. CHENOPODIACEAE

1. *C. album* L., lamb's quarters, chou-gras; imported from Eurasia, a common weed, Yukon-Mack, BC-Nfld.
2. *C. capitatum* (L.) Aschers., strawberry-blite; native, Yukon-Mack, Sask-NS.

Acremonium boreale: on 1 BC, Alta, Sask [1707].
Aphanomyces cochlioides: on 1 Que [317].
Peronospora chenopodii: downy mildew, mildiou: on 2 Yukon [460].
P. farinosa (C:81): downy mildew, mildiou: on 1 BC [1816].
Polymyxa betae: on 1 Ont [60].
P. betae f. sp. *betae*: on 1 Ont [60].
Pythium sp.: on 1 BC [1977].
Rhizoctonia solani (holomorph *Thanatephorus cucumeris*): on 1 Que [317].
Thielaviopsis basicola: on 1 Ont [546].
Verticillium dahliae: on 1 BC [38, 1816, 1978].

CHIMAPHILA Pursh PYROLACEAE

1. *C. umbellata* (L.) W. Barton, pipsissewa, chimaphile à ombelles; native, BC-Nfld. 1a. *C. u.* var. *occidentalis* (Rydb.) S.F. Blake; native, BC-Ont.

Alysidiopsis pipsissewae: on 1a Man [1760].
Mycosphaerella chimaphilae (C:81): on 1 Ont [1340].
Pucciniastrum pyrolae (C:81): rust, rouille: II III on 1 Yukon, Mack, BC, Alta, Sask, Man [2008], BC [1816]; on 1a BC [1012].

CHOISYA Kunth RUTACEAE

1. *C. ternata* HBK, Mexican Orange; imported from Mexico.

Nectria cinnabarina (anamorph *Tubercularia vulgaris*) (C:81): on 1 BC [1816].

CHRYSANTHEMUM L. COMPOSITAE

1. *C. leucanthemum* L., daisy, marguerite; imported from Eurasia, natzd., Yukon, BC-Nfld.
2. *C. maximum* Ramond, Shasta daisy; imported from Europe.
3. *C.* x *morifolium* Ramat. (*C. sinense* Sabine), chrysanthemum, chrysanthème; cutigen of Chinese origin.
4. Host species not named, i.e., reported as *Chrysanthemum* sp.

Ascochyta chrysanthemi: on 4 Ont [338].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:82): gray mold, moisissure grise: on 3 BC [1816]; on 4 Ont [333, 338, 339].
Erysiphe cichoracearum (C:82): powdery mildew, blanc: on 3 BC [1816], Ont [1257], NB [1194]; on 4 Alta, Que [337].
E. communis (C:82): powdery mildew, blanc: on 4 Ont [334], NB [333]. Probably specimens of *E. cichoracearum*.
Fusarium oxysporum (C:82): wilt, flétrissure: on 4 Que [333].
Ophiobolus mathieui: on 1 BC [1620].
Phyllosticta chrysanthemi: on leaves of 3 Ont [439].
Puccinia chrysanthemi (C:82): rust, rouille: II on 3 BC [1816]; on 4 BC [333, 1012], Ont [334, 339, 1236], Que [1236].
Sclerotinia sclerotiorum (C:82): wilt or dieback, flétrissure sclérotique: on 3 BC [1816].
Septoria chrysanthemi (C:82): leaf spot, tache septorienne: on 2, 3 BC [1816]; on 4 NS [333].
S. chrysanthemella (Cylindrosporium chrysanthemi) (C:82): killing deformed plants of 3 in greenhouse Ont [439].
Stemphylium floridanum: on 4 Que [339].
Verticillium albo-atrum: wilt, flétrissure verticilliene: on 3 Man [38]; on 4 BC [337].
V. dahliae: wilt, flétrissure verticilliene: on 3 BC [1816].

CHRYSOSPLENIUM L. SAXIFRAGACEAE

1. *C. wrightii* Franch. & Sav.; native, Yukon-Mack. Small semi-aquatic, creeping or prostrate herbs.

Puccinia austroberingiana ssp. *austroberingiana*: rust, rouille: on 1 Yukon [1560].

CICER L. LEGUMINOSAE

1. *C. arietinum* L., chick pea, pois chiche; imported from sw. Asia.

Ascochyta rabiei: on 1 Sask [1135].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*): on 1 Man [887].

CICHORIUM L. COMPOSITAE

1. *C. intybus* L., chicory, chicorée; native to Europe, n. Africa and w. Asia.

Puccinia hieracii (C:83): rust, rouille: 0 I II III on 1 BC [1012], Ont [1236].

Ramularia cichorii (C:83): leaf spot, tache ramularienne: on 1 BC [1816].

Sclerotinia sclerotiorum (C:83): drop, affaissement sclérotique: on 1 Ont [338].

CICUTA L. UMBELLIFERAE

1. *C. bulbifera* L.; Swamps and wet thickets, BC-NS, Nfld.
2. *C. douglasii* (DC.) C. & R., beaver-poison, carotte à Moreau; native, Mack-Alta.
3. *C. maculata* L., water hemlock, cicutaire maculée; native, Yukon-Mack, n. BC-PEI.

Puccinia cicutae (C:83): rust, rouille: 0 I II III on 2 BC [1816]; on 3 Ont [1236].

Uromyces americanus: rust, rouille: on 1 Que [1559]. Teleomorph on *Scirpus* spp.

U. lineolatus ssp. *nearcticus*: rust, rouille: on 3 Sask, NS [1559]. Teleomorph on *Scirpus* spp.

CIMICIFUGA L. RANUNCULACEAE

1. *C. racemosa* (L.) Nutt., black snakeroot; native, Ont.

Puccinia recondita s. l. (C:83): rust, rouille: 0 I on 1 Ont [1236].

CINNA L. GRAMINEAE

1. *C. arundinacea* L., stout woodreed, cinna roseau; native, Ont-Que.

Drechslera catenaria (C:83): on 1 Ont [1611].

Puccinia graminis (C:83): rust, rouille: II III on 1 Ont [1236].

CIRCAEA L. ONAGRACEAE

1. *C. alpina* L., alpine enchanter's nightshade, circée alpine; native, Mack, BC-Nfld. 1a. *C. alpina* var. *pacifica* (Aschers. & Magnus) Jones (*C. pacifica* A. & M.).
2. *C. quadrisculata* (Maxim.) Franch. & Sav., Lutetian enchanter's nightshade, circée de Lutèce; native, Man-NS, Nfld. The N. American plant is referable to *C. quadrisculata* var. *canadensis* (L.) Hara.

Puccinia circaeae (C:83): rust, rouille: III on 1 BC [1012], Alta, Sask, Man, NS, Nfld [1546]; on 1, 1a BC [1546, 1816]; on 1, 2 Ont [1236, 1546], Que [1546].

CIRSIUM Mill. COMPOSITAE

1. *C. arvense* (L.) Scop., Canada thistle, chardon des champs; imported from Europe, natzd., Mack, BC-Nfld. 1a. *C. arvense* f. *albiflorum* (Rand. & Redf.) Hoffm.
2. *C. brevistylum* Cronq.; native, BC.
3. *C. drummondii* Torr. & Gray; native, Mack, BC-Ont.
4. *C. edule* Nutt.; native, BC.
5. *C. flodmanii* (Rydb.) Arthur, (*C. canescens* auth., not Nutt.), Flodman's thistle, chardon de Flodman; native, Alta-Ont.
6. *C. foliosum* DC. (*C. scariosum* Nutt.); native, Yukon-Mack, BC-Alta, e. Que.
7. *C. hookerianum* Nutt.; native, BC-Alta.
8. *C. undulatum* (Nutt.) Spreng.; native, BC-Ont.
9. *C. vulgare* (Savi) Ten. (*C. lanceolatum* Scop., *Cnicus l.* L.), bull thistle, chardon vulgaire; imported from Eurasia, natzd., BC-Nfld.
10. Host species not named, i.e., reported as *Cirsium* sp.

Calyptella capula: on 1 BC [1424].

Lachnella villosa: on 1 BC [1424].

Mycosphaerella tassiana var. *tassiana* (C:84): on 10 Sask [1327].

Ophiobolus acuminatus (C:84): on 1, 9, 10 Ont [1620]; on 9, 10 BC [1620]; on 10 NS [1620].

O. anguillidus: on 5 Ont [1340].

O. rubellus: on 1 Man, Ont [1620].

Puccinia calcitrapae (C:84): rust, rouille: 0 II III on 8 BC [1012, 1816]; on 9 Ont [1236]; on 10 BC [1816 as *C. breweri*].

P. cnici (C:84): rust, rouille: 0 I II III on 1 Ont [1828]; on 2 BC [1558]; on 9 BC [1012, 1816], BC, Alta, Sask, Ont, Que, NB, NS, Nfld [1558], Ont [1236].

P. cnici var. *cnici*: on 2 BC [1012].

P. inclusa: rust, rouille: on 8 BC, Alta, Sask [1558].

P. inclusa var. *boreohesperia*: on 3 Alta [1558].

P. inclusa var. *flodmanii*: on 5 Sask, Man [1558].

P. laschii: rust, rouille: on 4, 8 BC [1558]; on 5 Alta, Sask, Man [1558]; on 6 Alta [1558]. Conners (p. 84) cited specimens under *P. calcitrapae*, a name which is now applied in a narrower sense to a fungus on *Centaurea* in Europe.

P. laschii var. *laschii* (C:84 as *P. calcitrapae*): rust, rouille: II III on 7 Alta [644].

P. punctiformis (C:84): rust, rouille: 0 II III on 1 BC [1816], BC, Alta, Ont, Que, NB, NS, Nfld [1558], Ont [1236, 1341], Que [282]; on 1, 1a, BC [1012].

Sclerotinia sp.: on 1 Sask [420, 1138], Man [1138].

CITRULLUS Neck. CUCURBITACEAE

1. *C. lanatus* (Thunb.) Matsum. & Nakai (*C. vulgaris* Schrad.), watermelon, melon d'eau; native to tropical and s. Africa.

Alternaria cucumerina (C:84): alternaria rot, pourriture alternarienne: on 1 NS [1594].

Colletotrichum orbiculare (C. lagenarium) (C:84): anthracnose, anthracnose: on 1 NS [336].

Olpidium radicale: on 1 Ont [58]. Specimens probably were *O. cucurbitacearum*.

Verticillium dahliae: on 1 BC [1978], Ont [1087].

CLARKIA Pursh ONAGRACEAE

1. *C. amoena* (Lehm.) A. Nels. & Macbr.; native, BC.
2. *C. pulchella* Pursh; native, BC.
3. *C. unguiculata* Lindl. (*C. elegans* Daigl.); native to California.

Peronospora arthuri (C:85): downy mildew, mildiou: on 2, 3 BC [1546]; on 3 BC [1816].

Pucciniastrum epilobii: rust, rouille: II III on 3 Ont [1236 from inoculum from *Epilobium hirsutum*]. Probably a specimen of *P. pustulatum*.

P. pustulatum (C:85): rust, rouille: on 1 BC [1816], BC, Alta, Sask, Ont, Que, PEI [1546]; on 2, 3 Ont [1546].

CLAYTONIA L. PORTULACACEAE

1. *C. caroliniana* Michx., spring beauty, claytonie de Caroline; native, BC, Yukon, Ont-Nfld.
2. *C. lanceolata* Pursh; native, BC-Sask.
3. *C. virginiana* L., spring beauty, claytonie de Virginie; native, Ont-Que.

Endophyllum lacus-regis (C:85): rust, rouille: 0 I III on 1 Ont [1236, 1827].

Puccinia claytoniicola (C:85): rust, rouille: on 2 BC [1012, 1341, 1816].

P. mariae-wilsoniae (C:85): rust, rouille: 0 I III on 1, 3 Ont [1236].

Uromyces claytoniae: rust, rouille: on *C.* sp. Que [1341].

CLEMATIS L. RANUNCULACEAE

1. *C.* × *jackmanii* T. Moore (*C. lanuginosa* × *C. viticella*); a cultivar that originated in England.
2. *C. ligusticifolia* Nutt., virgin's-bower, clématite à feuilles en coeur; native, BC-Man.
3. *C. occidentalis* (Hornem.) DC. 3a. *C. occidentalis* var. *occidentalis* (*C. verticillaris* DC.), purple clematis, clématite verticillé; native, Ont-NB.
4. *C. viorna* L., leather-flower; native, s. Ont.
5. *C. virginiana* L., devil's darning needle, clématite de Virginie; native, Man-PEI.

Cercospora squalidula (C:85): leaf spot, tache cercosporéene: on 2 BC [1816].

Didymaria clematidis (C:85): on 2 BC [1816].

Erysiphe communis (E. polygoni) (C:85): powdery mildew, blanc: on 1 BC [1816]; on 5 Ont [1257].

Phyllosticta clematidis: on leaves of 4 Ont [439].

Puccinia recondita s. l. (C:85): rust, rouille: 0 I on 1 BC [1012, 1816]; on 3a, 5 Ont [1236]; on 5 Ont [1341], NB, NS [1032].

Ramularia saximontanensis: on *C.* sp. Alta [644].

CLINTONIA Raf. LILIACEAE

1. *C. borealis* (Ait.) Raf., corn lily, clintonie boréale; native, Man-Nfld.
2. *C. uniflora* (Schult.) Kunth, queen's cup, clintonie à une fleur; native, BC-Alta.

Puccinia mesomajalis (P. mesomegala) (C:86): rust, rouille: III on 1 Ont [437, 1236, 1341], Ont, Que, Nfld [1545], Que [282]; on 2 BC [1012, 1816], BC, Alta [1545].

CLIVIA Lindl. AMARYLLIDACEAE

1. *C. miniata* Regel, scarlet Kaffir lily, clivie vermillon; native to s. Africa.

Colletotrichum gloeosporioides (C. himantophylli) (holomorph *Glomerella cingulata*) (C:86): anthracnose, anthracnose: on 1 BC [1816].

COCHLEARIA L. CRUCIFERAE

1. *C. officinalis* L. (*Draba corymbosa* R. Br.), scurvy grass, cuillèrée; native along the coasts, Yukon-Labr, BC, n. Que, Nfld.

Mycosphaerella pyrenaica (C:86): on 1 Frank [1586].

Peronospora parasitica (C:86): downy mildew, mildiou: on 1 Frank [1244].

Puccinia eutremae (C:86): rust, rouille: on 1 Mack, Frank, Keew [1563], Frank [1244].

COLCHICUM L. LILIACEAE

1. *C. autumnale* L., autumn crocus, colchique; imported from Europe and n. Africa.

Urocystis colchici (C:86): smut, charbon: on 1 BC [1545, 1816 on imported corms], Ont [1545].

COLLINSIA Nutt. SCROPHULARIACEAE

1. *C. parviflora* Dougl. ex Lindl., blue-lips; native, BC-Ont.

Sphaerotheca fuliginea: powdery mildew, blanc: on 1 BC [1554].

COLLOMIA Nutt. POLEMONIACEAE

1. C. *linearis* Nutt., narrow-leaved collomia, collomia à feuilles linéaires; native, BC-Ont, introduced, Yukon, Que-PEI.

Sphaerotheca macularis (C:86): powdery mildew, blanc: on 1 BC [1012, 1254], Sask [1254].

COMANDRA L. SANTALACEAE

1. C. *umbellata* (L.) Nutt., bastard toadflax, comandre à ombelle; native, Yukon-Mack, BC-Nfld. 1a. C. *umbellata* var. *pallida* (DC.) Jones (C. *pallida* DC.), pale comandra, comandre pâle; native, Yukon-Mack, BC-Man. 1b. C. *umbellata* var. *umbellata* (C. *richardsiana* Fern.); transcontinental.

Cladosporium herbarum: on 1 Sask [1760].

Cronartium comandrae (C:86): comandra blister rust, rouille-tumeur: II III on 1 Ont [1236], Que [1377]; on 1a NWT-Alta [1063], BC [1012, 1816], BC, Alta [644], BC, Alta, Sask, Man, Ont [735], Alta [53, 951, 1410, 1402, F61], Sask [F63], Ont [1236]; on 1a, 1b Sask, Man [1399]; on 1b Sask, Man, Ont, Que [735]; on 1b, C. sp. Ont [1236, 1828]; on C. sp. Yukon, Mack, BC, Alta, Sask, Man [2008], Mack [F62], BC, Man [F67], Alta [950, 951, 952], Sask [F68], Sask, Man [F64].

Puccinia andropogonis (C:87): rust, rouille: 0 I on 1, 1b Ont [1236].

P. comandrae (C:87): rust, rouille: on 1a NWT-Alta [1063].

COMPTONIA L'Her. MYRICACEAE

1. C. *peregrina* (L.) J. Coult., sweet-fern, comptonie voyageuse; native, Ont-PEI. 1a. C. *peregrina* var. *asplenifolia* (L.) Fern. (C. *asplenifolia* L.).

Cronartium comptoniae (C:87): sweet-fern blister rust, rouille-tumeur: II III on 1 Ont [652, 735, 1236, 1827, 1828, F70], Que [735], NB [1032], NB, NS [735, 1856, F68]; on 1a Que [1377].

Cryptodiaporthe aubertii var. *comptoniae* (anamorph *Uniseta flagellifera*): on 1a Ont [1340].

Isariopsis dearnessii: on 1a Ont [195].

CONIMITELLA Rydb. SAXIFRAGACEAE

1. C. *williamsii* (Eat.) Rydb.; native, Alta. A perennial, scapose herb.

Puccinia saxifragae var. *heucherarum*: rust, rouille: on 1 Alta [1578, 1580].

CONIOSELINUM Hoffm. UMBELLIFERAE

1. C. *chinense* (L.) BSP (C. *pacificum* Wats., C. *gmelinii* C. & S.), hemlock parsley; coastal BC, Ont-PEI and Nfld-Labr.

Cercospora selini-gmelini (C:87): on 1 BC, Nfld [1551].

Plasmopara carlottae: downy mildew, mildiou: on 1 BC [1551].

Puccinia grenfelliana: rust, rouille: on 1 Que, Nfld [1551].

P. ligustici (C:87): rust, rouille: on 1 BC [1551].

Septoria levistici: on 1 BC, Que [1551].

CONRINGIA Lk. CRUCIFERAE

1. C. *orientalis* (L.) Dumort, hare's-ear-mustard, conringia oriental; imported from Eurasia, introduced into all provinces.

Pseudocercosporella capsellae: on 1 Sask [1326].

CONSOLIDA DC. RANUNCULACEAE

1. C. *orientalis* (J. Gay) Schrodinger (including most garden material marked *Delphinium ajacis* L.), larkspur, bec d'oiseau; native to n. Africa, s. Europe and w. Asia.

Erysiphe polygoni: powdery mildew, blanc: on 1 Sask, Ont [1257].

CONVALLARIA L. LILIACEAE

1. C. *majalis* L., lily-of-the-valley, muguet; imported from Eurasia, sometimes a garden escape from Ont-PEI.

Botrytis sp.: on 1 BC [1816].

B. cinerea (holomorph *Botryotinia fuckeliana*) (C:87): gray mold, moisissure grise: on 1 BC, Ont [1545].

Gloeosporium convallariae (C:87): anthracnose, anthracnose: on 1 Ont [334]. The features to be associated with this species are uncertain as it has not been re-examined in modern times.

Mycosphaerella convallaria: on 1 Ont [1094].

Puccinia sessilis (C:87): rust, rouille: on 1 NS [333, 334].

CONVOLVULUS L. CONVOLVULACEAE

1. C. *arvensis* L., field bindweed, liseron des champs; imported from Eurasia, natzd., BC-PEI.
2. C. *sepium* L., hedge bindweed, wild morning-glory, gloire du matin; cosmopolitan in temperate regions, very variable species, BC-Nfld.

Diaporthopsis sepium: on 2 Ont [79].

Gloeosporium sp.: on C. sp. Ont [1828].

Puccinia convolvuli (C:87): rust, rouille: 0 I II III on 2 Ont, Que [1236]; on C. sp. Ont [1341].

Septoria convolvuli (C:87): on 1 BC [1816].

COPTIS Salisb. RANUNCULACEAE

1. *C. trifolia* (L.) Salisb.; native, Asia and Alaska, BC. 1a. *C. trifolia* var. *groenlandica* (Oeder) Hult. (*C. groenlandica* (Oeder) Fern.), goldthread, savoyane; native, Mack, Keew, n. Alta-Nfld.

Lambertella copticola: on 1a Ont [1799].
Mycosphaerella coptis (anamorph *Septoria coptidis*) (C:87): on 1a Que [70].
Septoria coptidis (holomorph *Mycosphaerella coptis*) (C:88): on 1a Que [70].
Wettsteinina mirabilis (C:88): on 1a Que [70].

COREOPSIS L. COMPOSITAE

1. *C. grandiflora* Hogg ex Sweet; imported from the USA, introduced from Ont-NB.

Sphaerotheca macularis: powdery mildew, blanc: on 1 BC [1816].

CORNUS L. CORNACEAE

1. *C. alba* L., tatarian dogwood, cornouiller blanc; imported from Siberia, n. China and n. Korea. 1a. *C. alba* var. *elegantissima*: a form with the leaves edged with white.
2. *C. alternifolia* L. f., alternate-leaved dogwood, cornouillier à feuilles alternes; native, Man-Nfld.
3. *C.* x *californica* C.A. Mey. (*C. occidentalis* x *C. sericea*); native, BC.
4. *C. canadensis* L., bunchberry, quatre-temps; native, Yukon-Mack, BC-Nfld.
5. *C. nuttallii* Audub., Pacific dogwood, cornouiller de Pacifique; native, BC.
6. *C. occidentalis* (Torr. & Gray) Cav. (*C. pubescens* Nutt.); native, BC.
7. *C. racemosa* Lam. (*C. paniculata* L'Hér.); native, s. Ont.
8. *C. rugosa* Lam. (*C. circinata* L'Her.), roundleaf dogwood, bois de calumet; native, Man-NS.
9. *C. sericea* L. (*C. stolonifera* Michx.), red osier dogwood, hart rouge; native, Yukon-Mack, BC-Nfld.
10. Host species not named, i.e., reported as *Cornus* sp.

Ascochyta cornicola: on 9 Que [334].
Basidioradulum radula (Hyphoderma r.): on 9 BC [1012]. See *Abies*.
Botryotinia fuckeliana (anamorph *Botrytis cinerea*): on 5 BC [1012, 1816].
Conoplea olivacea (C. sphaerica) (C:88): on 10 Que [784].
Corynespora cambrensis: on 10 Man [1760].
Cryptodiaporthe corni (Apioporthe c.) (anamorph *Zythia aurantiaca*) (C:88): on 1a Ont [336]; on 2 NS [1032].
C. salicella: on 10 BC [1012]. Usual host is *Salix*. Specimen is probably *C. corni*.
Cryptosporiopsis cornina (Phoma paniculatae) (holomorph *Pezicula corni*) (C:88): on dead limbs of 7 Ont [440]; on 9 Sask, Man [F65]; on 10 Sask, Ont [1763].
Daedaleopsis confragosa (Daedalea c.): on 5 BC [1012]. See *Acer*.
Diaporthe sp.: on 5 BC [193].
D. eres (C:88): on 10 Ont [1340, F65].
Diplodia sp.: on 10 Ont [1340].
Diplodina macrospora (C:89): on dead limbs of 10 Nfld [441].
Elsinoe corni: on 10 Nfld [1661].
Exosporium occidentale: on 10 Sask [1760].
Fracchiaea callista: on 9 Que [F69].
Gloeosporium sp.: on 5 BC [334, 1816].
Glomerella cingulata: on 5 BC [1012].
Glomopsis corni (Glomerularia c., as Gloeosporium (sic) c.) (C:88): leaf blight, brûlure des feuilles: on 4 NWT-Alta [1063], BC [1816], Alta [53, 644], Sask, Man, Ont, Que [1760], Ont [1340], NB, NS [1032].
Glyphium corrugatum: on 9 BC [589].
Helminthosporium velutinum: on 5 BC and on 9 Ont [810].
Hyphodontia crustosa: on 9 BC [1012]. See *Abies*.
Hypoxylon fuscum: on 10 Sask [F67].
Libertella sp.: on 10 BC [1012].
Macrophoma sp.: on 10 NWT-Alta [1063].
Melanconium sp.: on 5 BC [1012].
Meruliopsis corium (Merulius confluens) (C:88): on 5 BC [568, 1012]. See *Acer*.
Microsphaera penicillata (C:88): powdery mildew, blanc: on 1 Ont and on 2 Ont, Que [1257].
Mollisia stictella (C:88): on 2 NS [1032].
Monilia corni: on 5 BC [1012].
Monilinia corni (C:88): leaf blight, brûlure sclérotique: on 5 BC [336, 1816].
Myxosporium sp.: on 9 Ont [1340, 1827].
M. corni: on 10 Ont [1340].
M. nitidum (C:88): on 2, 10 NB [1032].
M. roumegueri: on 9 Sask [F65].
Nectria sp.: on 5 BC [1012].
N. cinnabarina (anamorph *Tubercularia vulgaris*): on 10 BC [1012, F74], Man [F67].
Odontia sp.: on 5 BC [1012].
Peniophora cinerea (C:88): on 5 BC [1012]. See *Abies*.
Pezicula corni (C:88): on 6 BC [1816]; on 8, 10 Ont [1340]; on 9 BC [1012]; on 10 Sask [F67], Que [F68].
Phellinus ferreus (Poria f.) (C:89): on 5, 9 BC [1012]. See *Acer*.
P. igniarius (Fomes i.) (C:88): on 5 BC [1012]. Causes a heart rot of live trees. See *Acer*.
Phoma sp.: on 5 BC [1816].
Phomopsis sp.: on 10.Ont [1828].

Phyllactinia guttata (P. corylea) (C:89): powdery mildew, blanc: on 1 Man, Ont and on 2 Ont [1257]; on 3, 5, 6, 9 BC [1816]; on 5 BC [1340]; on 5, 9 BC [1012]; on 9 Mack, Ont, Que, NB [1257]; on 10 Alta [334], Sask, Man [F67].

Phytophthora sp.: on 5 BC [23].

P. cactorum (C:89): crown canker, mildiou de collet: on 5 BC [337, 1012, 1816].

P. cinnamomi: on 5 BC [23] by inoculation.

Pseudomassaria corni (C:89): on 9 Man [F66]; on 10 Man [F67], Ont [295, 1340, F63].

P. foliicola (C:89): on 4 Que [71, 70].

Puccinia sp.: rust, rouille: on 9 BC [1012].

P. porphyrogenita (C:89): rust, rouille: III on 4 NWT-Alta [1063], Mack [53], BC [1012, 1416, 1816], Ont [1236, 1341, 1828], Que [282], NB, NS, PEI [1032], Nfld [1659, 1660, 1661].

Ramularia stolonifera: on 9 Sask, Man [F66]; on 10 Sask, Man [F67].

Sarcinella heterospora: on 10 Ont [1340].

Sclerophoma ambigua: on 5 BC [524, 1012, F72].

Seiridium corni (Pestalotia c.): on 9 Sask [1757], Man [1757, F66]; on 10 Sask, Man [1763, F67].

Septoria canadensis (C:89): on 4 Ont [1340], Que [70], NS [1032].

S. cornicola (C:89): leaf spot, tache septorienne: on 3 BC [1816]; on 4 NS [1032]; on 5 BC [1416]; on 9 Sask [F65], Que [1340]; on 10 Alta [338].

Sporidesmium achromaticum: on 10 Man [1760].

Stereum sp.: on 5 BC [1012].

Stigmina cornicola: on 2, 10 Ont [1762].

Tremella lutescens (C:89): on 2 NS [1032]. Apparently saprophytic on wood.

Tympanis fasciculata: on 8 Ont [1221].

Valsa sp.: on 9 BC [1012]; on 10 Alta [644].

Valsaria sp.: on 10 Ont [1340].

Zythia aurantiaca (holomorph *Cryptodiaporthe corni*) (C:89): on 10 Ont [1340, F73].

CORYLUS L. BETULACEAE

1. *C. americana* Marsh., American hazelnut, noisetier d'Amérique: native, Man-Que.
2. *C. avellana* L., European filbert, avelinier: imported from Europe.
3. *C. cornuta* Marsh. (*C. rostrata* Ait.), beaked hazelnut, noisetier à long bec: native, BC-Nfld. 3a. *C. cornuta* var. *californica* (DC.) Sharp: native, BC.
4. Host species not named, i.e., reported as *Corylus* sp.

Allantoporthe decedens (Diaporthe d.) (C:89): on 3 NS [1032]; on 4 Ont [79, 1340, F63].

Anisogramma anomala (Apioporthe a.) (C:89): on 3 NS [1032]; on 4 Ont [1340, 1440, F60], NS [1440].

Cenangium fuckelii (C:89): on 3 NS [1032].

Conoplea geniculata (C:89): on 4 Ont [784].

C. globosa: on 4 Man [1760].

C. olivacea (C. sphaerica) (C:89): on 4 Man [1760], Ont [784].

Cryptospora sp.: on 4 Ont [1340].

Cryptosporiopsis coryli (Catinula turgida) (C:89): on 3 Ont [1340]; on 4 Ont [1763].

Dacrymyces minor: on 4 Ont [1341]. See *Abies*.

Dendrothele maculata (Aleurocorticium m.): on 3, 4 Ont [965]. See *Acer*.

Diaporthopsis sp.: on 3 NB [1032].

Diatrype albopruinosa (C:89): on 1, 3, 4 Ont, also on 3 Sask and on 4 Man [1354].

Diatrypella verrucaeformis (C:89): on 4 Ont [1340].

Diplodia sarmentorum: on 3 BC [1012].

Fenestella sp.: on 4 Ont [1340].

Fumago vagans: on 4 Man [1760]. Specimens are typically a mixture of hyphae from several dematiaceous hyphomycetes.

Gnomonia gnomon: on 4 Ont [79].

Helminthosporium velutinum: on 4 Ont [810]. Probably mycoparasitic on *Anisogramma anomala*.

Hymenochaete corrugata (C:89): on 3 Ont [1341]. See *Abies*.

H. tabacina: on 3 BC [1012], Ont [1341]; on 3, 4 NB [1032]. See *Abies*.

Hyphodermella corrugata: on 4 BC [1012]. Lignicolous, typically on logs and fallen branches.

Hyphodontia crustosa: on 4 BC [1012]. See *Abies*.

Hypocreopsis lichenoides: on 3 Ont [230].

Hypoxylon sp.: on 4 NB [1032].

H. fuscum (C:89): on 3 Man [F66], NS [1032]; on 4 BC [1012], Ont [1340, 1828].

H. rubiginosum (C:89): on 3a BC [1012].

Inonotus radiatus (Polyporus r.) (C:90): on 4 NS [1032]. See *Acer*.

Lenzites betulina (C:89): on 4 NS [1032]. See *Acer*.

Mamianiella coryli (Gnomoniella c., Mamiania c.) (C:89): leaf spot, tache ponctuée: on 3 Que [282], NB [1032, F65, F66], NS [1032], Nfld [1659, 1660, 1661]; on 3a BC [1012, 1816]; on 4 Man [F68], Ont [1340, 1827, F62], NB [1032, F64], NS [1032].

M. coryli var. *coryli*: on 1, 3 Sask, Man and on 3 BC, Nfld [79].

M. coryli var. *spiralis*: on 4 Alta, Sask, Man, Ont, NB, NS [79].

Massaria lantanae: on 4 Ont [80].

M. inquinans (M. vomitoria): on 4 Ont [1340]. Typically on *Acer*.

Melanomma pulvis-pyrius (C:89): on 3a BC [1012].

Meruliopsis corium: on 3a BC [1012]. See *Acer*.

Microsphaera penicillata: powdery mildew, blanc: on 3 Ont [1257], NS [1032].

Ophiovalsa suffusa (Cryptospora s. var. nuda) (C:89): on 3 NS [1032, 1340]; on 4 Ont [1340].

Peniophora cinerea (C:90): on 3 Ont [1341], NB [1032]; on 3a BC [1012]. See *Abies*.
P. incarnata: on 3 NS [1032]. See *Abies*.
Pezicula corylina (C:90): on 3, 4 Ont [1340], NS [1032]; on 4 Ont F63].
Phaeoisaria sparsa: on 4 Man [1760].
Phaeomarasmius erinaceus (Pholiota e.): on 4 Man [1434], Que [1385].
Phanerochaete sordida (Peniophora cremea) (C:90): on 4 BC [1012]. See *Abies*.
Phellinus ferreus (Poria f.) (C:90): on 4 BC [1012]. See *Acer*.
Phibalis furfuracea (Cenangium f.) (C:89): on 4 Ont [1340].
Phomopsis revellens (C:90): canker, chancre: on 2 BC [1816].
Phyllactinia guttata (C:90): powdery mildew, blanc: on 2 BC [337]; on 3 Ont [1257], NS [1257, 1032].
Piggotia coryli (Gloeosporium c., Monostichella c.) (C:89): leaf spot, anthracnose: on 1 NS [1032]; on 3 Ont [282, 1340, 1827], NB [1032]; on 3a BC [1816]; on 4 Ont [1763], NB, NS [1032].
Pirex concentricus (Irpex owensii): on 4 BC [1012]. On dead stems, etc. See *Alnus*.
Poria sp.: on 3 BC [1012].
Pseudospiropes nodosus: on 2 BC [816].
Septoria corylina (C:90): leaf spot, tache septorienne: on 3 NB, NS, PEI [1032].
Sillia ferruginea: on 4 Ont [79].
Skeletocutis nivea (Polyporus semipileatus) (C:90): on 4 BC [1012]. See *Acer*.
Stereum hirsutum (C:90): on 3 NS [1032]. See *Abies*
Tremella sp.: on 3a BC [1012]. Probably saprophytic on wood. However, most species are mycoparasites.
Trimmatostroma sp.: on 4 Ont [1827].
Tubercularia vulgaris (holomorph *Nectria cinnabarina*) (C:90): on 4 BC [1012].

COSMOS Cav. COMPOSITAE

1. *C. bipinnatus* Cav., common cosmos, cosmos bipenné; imported from Mexico.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:90): gray mold, moisissure grise: on *C.* sp. NB [333, 1194].
Erysiphe cichoracearum: powdery mildew, blanc: on 1 Ont [1257].
Sclerotinia sclerotiorum (C:90): on 1 BC [1816].

COTINUS Duham. ANACARDIACEAE

1. *C. obovatus* Raf., American smoke tree; imported from USA.

Botryodiplodia sp.: on 1 Ont [1340].
Verticillium albo-atrum: on *C.* sp. Ont [F64].

COTONEASTER Ehrh. ROSACEAE

1. *C. acutifolius* Turcz.: imported from n. China, introduced from Alta-Ont.
2. *C. franchetii* Bois.: imported from China and Burma.
3. *C. frigidus* Wallich ex Lindl.: imported from the Himalayas.
4. *C. horizontalis* Decne., rock cotoneaster, cotonéastre horizontal; imported from w. China.
5. *C. simonsii* Bak.: imported from the Himalayas.
6. Host species not named, i.e., reported as *Cotoneaster* sp.

Armillaria mellea: root rot, pourridié-agaric: on 6 BC [1012].
Cytospora ambiens (C:90): on 5 BC [1816].
Gymnosporangium clavipes (C:90): quince rust, rouille du cognassier: 0 I on 1 Man [1263].
Macrosporium sp.: on 6 NWT-Alta [1063].
Nectria cinnabarina (anamorph *Tubercularia vulgaris*) (C:90): on 3 BC [1816]; on 6 NWT-Alta [1063], Ont [1340].
Peniophora cinerea: on 6 Alta [338]. See *Abies*.
Phyllosticta cotoneaster: on 6 Que [337].
P. sanguinea (C:90): leaf spot, tache foliaire: on 1 Que [333].
Phytophthora cactorum (C:90): dark berry, baie noire: on 2, 4 BC [1816].
Valsella sp.: on 6 NWT-Alta [1063].

CRATAEGUS L. ROSACEAE

1. *C.* × *anomala* Sarg. (*C. intricata* Lange × *C. mollis* (Torr. & Gray) Scheele), abnormal hawthorn, aubépine anormale.
2. *C. beata* Sarg.: native, Ont.
3. *C. calopodendron* (J.F. Ehrh.) Medic. (*C. tomentosa* auct. non L.), blackthorn; native, Ont.
4. *C. chrysocarpa* Ashe, fireberry, aubépine à pommes dorées; native, Man-Nfld.
5. *C. coccinea* L. (*C. floribunda* K. Koch), scarlet hawthorne, épine écarlate; native, Ont-NS.
6. *C. columbiana* T.J. Howell, Columbia hawthorn, aubépine de Columbia; native, BC.
7. *C. crus-galli* L., cockspur hawthorn, ergot-de-coq; native, Ont-Que.
8. *C. curvisepala* Lindm. (*C. oxyacantha* L.), English hawthorn, épine blanche; imported from Eurasia.
9. *C. douglasii* Lindl., black hawthorn, aubépine de Douglas; native, BC-Man.
10. *C. fucosa* Sarg.; described from Massachusetts in 1903 but not found in any modern treatment.
11. *C. intricata* Lange; reported from s. Ont.
12. *C. laurentiana* Sarg., Laurentian hawthorn, aubépine laurentienne; native, Ont-Nfld.

13. C. *macracantha* Lodd. (C. *delicatibilis* Sarg.), scarlet haw, aubépine à épines longues; native, Ont.
14. C. *mollis* (Torr. & Gray) Scheele (C. *canadensis* Sarg.); thickets and open woods, Ont.
15. C. *monogyna* Jacq., English hawthorn, aubépine monogyne; imported from Eurasia, spread from cultivation, BC, Ont. 15a. C. *monogyna* ssp. *brevispina* (G. Kunze) Franco (C. *brevispina* G. Kunze); imported from Europe.
16. C. *pedicellata* Sarg. (C. *caesa* Ashe); native, Ont.
17. C. *pinnatiloba* Lange; a species from the Caucasus region not found in modern treatments.
18. C. *punctata* Jacq., dotted hawthorn, aubépine ponctuée; native, Ont-Que.
19. C. *roanensis* Ashe (C. *colorata* Sarg.); native, Ont.
20. C. *rotundifolia* Moench (C. *brunetiana* Sarg.); native, BC-NS.
21. C. *sanguinea* Pall., red-haw hawthorn, épine rouge; imported from Siberia.
22. C. *submollis* Sarg., velvety hawthorn, pommetier rouge; native, Ont-Que.
23. C. *succulenta* Link, fleshy hawthorn, aubépine succulente; native, Man-PEI.
24. Host species not named, i.e., reported as *Crataegus* sp.

Botryosphaeria obtusa (C:91): on 17 Ont [1614].

Cenangium crataegi: on 24 Ont [1340]. This specimen may be *Durandiella lenticellicola*. Groves [655] did not find any *Cenangium* on the type of *C. crataegi*.

Cerrena unicolor (Daedalea u.): on 24 NB [1032]. See *Acer*.

Chondrostereum purpureum (Stereum p.) (C:91): on 24 NB [1032, 1036]. Lignicolous, often on wounds on live stems. See *Abies*.

Conoplea olivacea (C. sphaerica) (C:91): on 24 Ont [784].

Corniculariella harpographoidea: on 24 Ont [401].

Cylindrosporium brevispina (C:91): on 15a BC [1816].

Dendrothele griseo-cana (Aleurocorticium g.): on 24 Ont [965]. Lignicolous, typically on dead branches.

Diaporthe eres (C:91): on 24 Ont [1340, F60].

Diplocarpon mespili (Fabraea maculata): leaf spot, entomosporiose: on 8 BC [333, 334, 1816]; on 24 BC [335, 338, 339, 1594], Ont [333, 335], NB [1032], NS [333].

Durandiella lenticellicola (C:91): on 24 Ont [1340].

Entomosporium mespili (E. maculatum, E. thuemenii) (C:91): leaf blight, brûlure entomosporienne: on 8 NB, NS [1032]; on 24 BC [1012], Ont [1340].

Gloeosporium sp.: on 24 Ont [336].

Gymnosporangium sp.: rust, rouille: on 6, 15a BC [337]; on 24 Sask, Man [F63], Ont [336], Que [336, 337].

G. betheli (G. tubulatum) (C:91): rust, rouille: 0 I on 4 Ont [1247 inoculated]; on 6, 9 BC [1012, 1816]; on 9 BC [644, 1267]; on 24 NWT-Alta [1063], BC [953, 1341, 1247, 1267, 1816], BC, Alta, Sask, Man [2008].

G. clavariiforme (C:91): rust, rouille: 0 I on 8 BC [1012, 1247, 1262, 1816], Ont [1236, 1262]; on 23 Alta, Que [339]; on 24 BC, Alta, Sask, Man [2008], Ont [1247 inoculated].

G. clavipes (C:91): quince rust, rouille du cognassier: 0 I on 2, 8, 10, 15, 16, 18, 23, 24 Ont [1236]; on 4 BC [1247]; on 6, 9 BC [1012, 1816]; on 8 NS [1032]; on 9 BC [644], Ont [1247]; on 18 Ont [1240]; on 24 Sask [F73], Sask, Ont, Que, NS [1263], Man [1247], Ont [1341, 1828, F68, F71, F72, F74], Que [333], NS, PEI [1032].

G. connersii: rust, rouille: 0 I on 4, 24 Alta, Sask, Man [1247, 1251]; on 9 Sask [1251]; on 11, 14, 22 inoculated, 24 Ont [1240]; on 20 Man, Ont, Que [1240], Que [1251]; on 24 Man [F67], Ont, Que [1251]; inoculated on 24 Ont [1247].

G. globosum (Roestelia lacerata) (C:91): hawthorn rust, rouille de l'aubépine: 0 I on 1, 2, 4, 7, 15 Ont [1268]; on 3 Ont [437]; on 3, 10, 16, 24 Ont [1236, 1268]; on 5, 8, 13, 18, 19, 20, 21 Ont [1236]; on 5, 24 Que [1268]; on 7, 24 Ont [1242]; on 8 Ont [334]; on 24 Ont [1341, 1828, F69, F71, F72, F74], Ont, Que [1240].

G. inconspicuum: rust, rouille: 0 I on 9 BC [1247].

Hendersonia discosioides: on leaves of 24 Ont [440]. The proper generic disposition for this species is uncertain. See *Abies*.

Inonotus radiatus (Polyporus r.): on 24 Ont [1341]. See *Acer*.

Leucostoma persoonii (anamorph *Cytospora rubescens*): on 24 NS [1032].

Micropera sp.: on 24 Ont [1827].

Monilinia johnsonii: on 24 NB [1032].

Nectria cinnabarina (anamorph *Tubercularia vulgaris*): on 24 NB [1032].

Phanerochaete laevis (Peniophora affinis): on 24 NS [1032]. See *Acer*.

Phellinus ferreus (Poria f.) (C:91): on 24 BC [1012]. See *Acer*.

P. ferruginosus (Poria f.): on 24 NS [1032]. See *Abies*.

Phyllactinia guttata (P. corylea) (C:91): powdery mildew, blanc: on 24 Alta [1594].

Phyllosticta rubra: on 24 Ont [1340].

Podosphaera clandestina (C:91): powdery mildew, blanc: on 7 Que [F60]; on 8 BC [1816]; on 24 BC [336], Alta, Ont, Que, NS [1257], NS [1032].

Schizoxylon compositum (C:91): on 24 Ont [1608].

Spilocaea sp.: on 24 Man [F68].
Valsa sp.: on 24 Ont [1827].
V. ceratosperma (C:91): on 24 NS [1032, F62].

CROCUS L. IRIDACEAE

1. Cormous herbs native to Mediterranean region and sw. Asia; widely cultivated; host species not named, i.e., reported as *Crocus* sp.

Alternaria sp.: on 1 BC [1816].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:92): gray mold, moisissure grise: on 1 BC [1816].
Heterosporium sp.: on 1 BC [1816].
Papulaspora sepedonioides: on 1 Man [1937].
Penicillium sp.: on 1 BC [1816].

CRYPTOGRAMMA R. Br. POLYPODIACEAE

1. *C. crispa* (L.) R. Br., mountain parsley; native, Mack, BC-Ont. 1a. *C. crispa* var. *acrostichoides* (R. Br.) C.B. Clarke; native, Mack, BC-Ont.
2. *C. stelleri* (S.G. Gmel.) Prantl, slender cliff brake; native, Yukon-Nfld.

Hyalopsora cheilanthis (C:92): rust, rouille: II III on 2 Ont [1236], Que [282].
Milesia darkeri (Milesina d.) (C:92): rust, rouille: II III on 1a BC [1012, 2008], Alta [2008].

CRYPTOTAENIA DC. UMBELLIFERAE

1. *C. canadensis* (L.) DC., honewort, cerfeuil sauvage; native, Man-NB.

Puccinia cryptotaeniae (C:92): rust, rouille: 0 III on 1 Ont [1236].

CUCUMIS L. CUCURBITACEAE

1. *C. melo* L., melon, melon; native to w. Africa. 1a. *C. melo* Inodorus group (*C. melo* var. *inodorus* Naud.), honeydew melon, melon miel. 1b. *C. melo* Reticulatus group (*C. melo* var. *reticulatus* Ser.), muskmelon, cantaloup.
2. *C. sativus* L., cucumber, concombre; native to s. Asia. 2a. *C. sativus* var. *anglicus* Bailey, English forcing cucumber; grown in greenhouses.

Alternaria sp. (C:92): leaf spot, tache des feuilles: on 1b BC [1816]; on 2 Ont, NS [1594], NS [334, 336].
A. alternata (A. tenuis auct.*)* (C:92): on 2 BC [334, 1816, 1817, 1818].
A. cucumerina (C:92): leaf spot, tache alternarienne: on 1 Ont [333, 334, 335, 1458, 1460, 1594]; on 2 BC [338, 339, 1816, 1817, 1818], Ont [334, 1460, 1461, 1594], NB [333], NS [337, 338, 339, 1594], PEI [337].
Ascochyta cucumis (holomorph *Didymella bryoniae*) (C:92): on 2 BC [1816].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:92): gray mold, moisissure grise: on 2 in greenhouse BC [1816], Alta [338], Ont [333, 335, 337], Ont, NB [336, 338, 339], NB [1594].
Cladosporium cucumerinum (C:92): scab, gale: on 1 Ont [1460, 1594], NS [335]; on 2 BC [336, 1816, 1817, 1818], BC, Que, NB, NS [337, 338, 339], Ont [338, 1460], Ont, Que, NB, NS [335, 336, 1594], Ont, Que, NB, PEI [333, 334], Que [321, 938, 939, 1639], NS [334].
Colletotrichum orbiculare (C. lagenarium) (C:92): anthracnose, anthracnose: on 1 Ont [333, 334, 335]; on 2 Ont [335], Que [333, 335, 1639].
Didymella bryoniae (Mycosphaerella citrullina) (anamorph *Ascochyta cucumis*) (C:93): stem blight, pourriture noire: on 2 BC [1416].
Erysiphe cichoracearum (C:92): powdery mildew, blanc: on 1 Ont [339, 1460, 1594]; on 2 Ont [333, 337, 338, 469, 1460, 1461, 1594], NB [339]. In greenhouses good control can be obtained by spraying with the mycoparasite *Ampelomyces quisqualis*.
E. communis: powdery mildew, blanc: on 1 Ont [335]; on 2 Ont, NS [334, 335, 336 in greenhouse]. Specimens probably were *E. cichoracearum*.
Fusarium sp. (C:93): on 1 Ont [1461, 1594], NS [336]; on 1b BC [1816]; on 2 BC [334, 338, 1594, 1817, 1818], Ont [1458, 1460, 1594].
F. oxysporum f. sp. *melonis* (C:93): wilt, flétrissure fusarienne: on 1 Ont [333, 336, 1088, 1932, 1934]; on 1a BC [1816]; on 2 Ont [1595].
Oidium sp.: powdery mildew, blanc: on 2 BC [1816].
Olpidium cucurbitacearum: on 2 Ont [64].
O. radicale: on 1, 2 Ont [58]. Specimens probably were *O. cucurbitacearum*.
Phomopsis cucurbitae (C:93): black rot, pourriture noire: in greenhouse on 2 BC [27].
P. sclerotioides: on 2a BC [1200].
Phyllosticta sp.: on 2 Que [335].
Pseudoperonospora cubensis (C:93): downy mildew, mildiou: on 2 Alta, Ont, Que [334].
Pythium sp. (C:93): damping-off, fonte des semis: on 1 Ont by inoculation [868], on 2 BC [1816], Ont [333, 1460, 1595].
P. debaryanum: damping-off, fonte des semis: in greenhouses and cold frames on 2 Que [336].
P. irregulare (C:93): damping-off, fonte des semis: on 1, 2 Ont [868] by inoculation.
P. sulcatum: on 1, 2 Ont [868] by inoculation.
P. ultimum (C:93): damping-off, fonte des semis: on 1 Ont [1085, 1086 inoculated]; on 1a, 1b BC [1816].

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:93): foot rot, pourriture du pied: on 2 BC [334, 1816], Ont [1460, 1594], PEI [338].
Sclerotinia sp.: on 2 Sask, Man [1138].
S. sclerotiorum (C:93): stem or fruit rot, pourriture sclérotique: on 2 BC [334, 337, 338, 1816], Alta [335], NS [336].
Septoria cucurbitacearum (C:93): leaf spot, tache septorienne: on 1 NS [336]; on 2 NS [338].
Trichothecium roseum (C:93): foliage rot, moisissure rose: on 2 BC [1595], Ont [333].
Verticillium albo-atrum (C:93): on 2 NS [337].
V. dahliae: on 1 BC [1978], Ont [1087], Que [38, 392, 393]; on 1b BC [1816]; on 2 BC [38, 1978].

CUCURBITA L. CUCURBITACEAE

1. *C. ficifolia* Bouché, Malabar gourd, courge de Siam; native to tropical America.
2. *C. maxima* Duchesne, winter squash, courge; native to S. America.
3. *C. pepo* L., summer squash or pumpkin, citrouille; native to tropical America.
4. Host species not named, i.e., reported as *Cucurbita* sp.

Alternaria sp. (C:94): on 2, 3 BC [1816].
A. alternata (A. tenuis auct.*)* (C:94): on 2 NS [334, 1594].
A. cucumerina (C:94): alternaria spot, tache alternarienne: on 2 NS [337, 1594].
Ascochyta cucumis (holomorph *Didymella bryoniae*) (C:94): leaf spot, tache ascochytique: on 3 BC [1816].
Botrytis sp.: on 2 NS [1594].
B. cinerea (holomorph *Botryotinia fuckeliana*) (C:94): gray mold, moisissure grise: on 2 NS [336] in storage; on 3 BC [1816].
Cladosporium cucumerinum (C:94): scab, gale: on 2 NS [335].
C. herbarum: on 4 NS [335].
Colletotrichum coccodes (C:94): on 2 NS [334].
C. orbiculare (C. lagenarium) (C:94): on 2 NS [334].
Didymella bryoniae (Mycosphaerella citrullina, M. melonis) (anamorph *Ascochyta cucumis*) (C:94): black rot, pourriture noire: on 2 BC [334, 1816, 1817, 1818], NS [336, 1594]; on 3, 4 NS [352].
Erysiphe cichoracearum (C:94): powdery mildew, blanc: on 2 BC, Ont [337]; on 3 BC [337, 338].
E. communis: powdery mildew, blanc: on 2 BC [334, 336], NS [334] in greenhouse; on 3 BC [334, 335, 336]; on 4 BC [335]. Specimens probably were *E. cichoracearum*.
Fusarium sp. (C:94): on 2 NB [1594]; on 3 Alta [335].
F. oxysporum (C:94): on 2 BC [1816], NS [1594].
F. roseum: on 2 NS [338, 1594].
F. solani f. sp. *cucurbitae*: on 3 Ont [334].
Oidium sp.: powdery mildew, blanc: on 2, 3 BC [1816].
Olpidium radicale: on 2, 3 Ont [58].
Phomopsis sclerotioides: on 1 BC [1200].
Rhizopus sp. (C:94): on 2 NS [1594]; on 3 Ont [1460, 1594].
Sclerotinia sp.: on 2 NB [1594]; on 2, 3 Sask [420], Sask, Man [1138].
Sclerotinia sclerotiorum (C:94): sclerotinia rot, pourriture sclérotique: on 2 NB [339], NS [1594]; on 3 BC [337].
Septoria cucurbitacearum (C:94): leaf spot, tache septorienne: on 2 BC [1816]; NS [333, 334, 336, 338, 1595].
Sphaerotheca fuliginea: powdery mildew, blanc: on 3 Ont [846].
Stemphylium botryosum: from seeds of 3 Ont [667].
S. consortiale: from seeds on 2, 3 Ont [667].
Verticillium dahliae: on 2 BC [1816, 1978]; on 4 BC [38, 335].

CUPRESSUS L. PINACEAE

1. *C. macrocarpa* Hartweg, Monterey cypress, cyprès à gros fruits; native to California.

Ascocoryne sarcoides: on 1 BC [1012].
Coniophora puteana: on 1 BC [1012].
Lepteutypa cupressi: on 1 BC [1012].
Mytilidion sp.: on 1 BC [1012].
Phomopsis sp. (C:94): on 1 BC [1012].
Pithya cupressina: on *C.* sp. Ont [385].
Pleospora sp.: on *C.* sp. BC [1012].

CYCLAMEN L. PRIMULACEAE

1. *C. persicum* Mill., florist's cyclamen, cyclamen; imported from e. Mediterranean region.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:94): gray mold, moisissure grise: on 1 BC [333, 1816].
Cylindrocarpon destructans (C. radicicola): on 1 Ont [336].

CYDONIA Mill. ROSACEAE

1. *C. oblonga* Mill. (*C. vulgaris* Pers.), common quince, cognassier commun; imported from w. Asia.

Diplocarpon mespili (Fabraea maculata) (C:95): leaf blight, entomosporiose: on 1 BC [339, 1594, 1816].
Gymnosporangium clavariiforme (C:95): rust, rouille: on 1 NS [1262]. See note under *Pyrus*.
G. clavipes (C:95): quince rust, rouille du cognassier: 0 I on 1 Ont [1236].

CYNOGLOSSUM L. BORAGINACEAE

Annual, biennial or perennial herbs of the temperate zone, often cultivated. Commonly known as Hound's Tongue or Beggar's Lice because of the prickly seeds.

Ophiobolus rubellus: on *C.* sp. Ont [1340].

CYNOSURUS L. GRAMINEAE

1. *C. cristatus* L., crested dog's-tail, crételle commune; imported from Eurasia, introduced, BC, Ont-Nfld.

Cercosporidium graminis (Passalora g.) (C:95): brown stripe, strie brune: on 1 BC [1816].

CYPERUS L. CYPERACEAE

1. *C. esculentus* L., yellow nut sedge, amande de terre; native, s. Man, Ont-NS.
2. *C. strigosus* L., strigose cyperus, souchet hispide; native, Sask-Que.

Puccinia canaliculata (C:95): rust, rouille: II III on 1, 2 Que [1236].

CYPRIPEDIUM L. ORCHIDACEAE

1. *C. calceolus* L. var. *pubescens* (Willd.) Correll (*C. pubescens* Willd.), large yellow lady's-slipper, sabot de la vierge; native, Ont-NS.
2. *C. reginae* Walt. (*C. spectabile* Salisb.), showy lady's slipper, sabot de la vierge; native, Man-Nfld.

Cercospora cypripedii: on living leaves of 1, 2 Ont [441].

CYSTOPTERIS Bernh. POLYPODIACEAE

1. *C. bulbifera* (L.) Bernh., bulblet fern, cystoptéride bulbifère; native, Ont-Nfld.
2. *C. fragilis* (L.) Bernh., brittle fern, cystoptéride fragile; native, Yukon-Labr, BC, Man-NS, Nfld.

Hyalopsora polypodii (C:95): rust, rouille: II III on 1 Ont [1236]; on 2 Yukon [7, 2008], BC [1012, 2008, F63], Alta [644, 2008], Sask [2008], Ont [1236].
Mycosphaerella filicinum (C:95): on 2 Que [70].
Uredinopsis ceratophora (C:96): II^1 II^2 III on 1 Ont [1236].

CYTISUS L. LEGUMINOSAE

1. *C.* x *beanii* Nichols: *C. ardoini* E. Fourn. x *C. purgans* (L.) Spach.
2. *C.* x *praecox* Bean: *C. multiflorus* (L'Hér. ex Ait.) Sweet x *C. purgans*.
3. *C. scoparius* (L.) Link, Scotch broom, genêt à balais; imported from Europe, a garden-escape, BC, NS and PEI.

Alternaria alternata: foliage blight: on 3 BC [1416].
Armillaria mellea: on 2 BC [1012].
Athelia scutellare (Corticium s.) (C:96): on 3 BC [1012].
Coriolus versicolor (Polyporus v.) (C:96): on 3 BC [1012].
Cylindrobasidium evolvens (Corticium laeve): on 3 BC [1012].
Diaporthe sp.: on 3 BC [1012].
Helminthosporium velutinum: on 3 BC [810, 1012, 1816].
Hyphoderma sambuci: on 3 BC [1012].
H. setigerum: on 3 BC [1012].
Lachnella alboviolascens (Cyphella a.): on 3 BC [1424].
Mycoacia uda: on 3 BC [1012].
Pellidiscus pallidus: on 3 BC [1424].
Peniophora incarnata (C:96): on 3 BC [1012].
Phomopsis sp.: on 3 BC [1012].
Pleiochaeta setosa: brown spots on living leaves of 1 Ont [1345].
Pleospora sp.: on 3 BC [1012].
Scytinostroma galactinum: on 3 BC [1012].
Sebacina sp. (C:96): on 3 BC [1012].

DACTYLIS L. GRAMINEAE

1. *D. glomerata* L., orchard grass, dactyle pelotonné; imported from Eurasia, introduced, BC-Nfld.

Acremonium boreale: on 1 BC, Alta, Sask [1707].
Bipolaris sorokiniana (holomorph *Cochliobolus sativus*): on 1 Alta [120] by inoculation.
Cercosporidium graminis (Passalora g.) (C:96): brown stripe, strie brune: on 1 BC [1816], Alta [333], Ont [335], NB [333, 1195], Nfld [333].
Claviceps purpurea (C:96): ergot, ergot: on 1 BC [337, 1816], Alta [133], Ont [335], Que [337].
Colletotrichum graminicola: anthracnose, anthracnose: on 1 Que [337].
Dinemasporium strigosum (D. graminum) (holomorph *Phomatospora dinemasporium*): on 1 BC [1012, 1816].
Erysiphe graminis (C:96): powdery mildew, blanc: on 1 BC [1257, 1816], Que [32, 339].
Fusarium culmorum (C:96): foot rot, pietin fusarien: on 1 BC [1816].
Lophodermium arundinaceum: on 1 BC [1012, 1816].
Mastigosporium rubricosum (C:96): purple eye-spot, tache pourpre ocellée: on 1 BC [1816], Que [282, 1729], NB [333, 1195], PEI [336, 1974], Nfld [335, 1595].
Phyllosticta owensii (C:96): on 1 Que and on *D.* sp. NB [333].
Pseudoseptoria donacis (Selenophoma d.): on 1 Que [334].

Puccinia graminis (C:96): stem rust, rouille de la tige: on 1 BC [1816], Ont [1236].
Ramaricium albo-ochraceum (Trechispora a.): on 1 BC [970].
Rhynchosporium sp.: on *D.* sp. Ont [333].
R. orthosporum (C:96): scald, tache pâle: on 1 Ont [333], NB [333, 1195].
Sclerophthora cryophila (C:96): downy mildew, mildiou: on 1 BC [1816].
Sclerotinia borealis (C:96): snow mold, moisissure nivéale: on 1 BC [1816].
Stagonospora arenaria (C:96): purple brown spot, tache brun-pourpre: on 1 Que [1729].
Uromyces dactylidis (C:96): leaf rust, rouille des feuilles: on 1 BC [1012, 1816], Que [337].
Ustilago salvei (U. striiformis auct.) (C:96): stripe smut, charbon strie: on 1 BC [1816].

DAHLIA Cav. COMPOSITAE

1. Garden dahlia, dahlia; a cultigen probably derived from hybridization between *D. coccinea* Cav. and *D. pinnata* Cav. (*D. variabilis* (Willd.) Desf.)

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:96): gray mold, moisissure grise: on 1 BC [1816], Alta [335], Que [337, 339].
Dendryphion nanum: on *D.* sp. BC [819].
Erysiphe cichoracearum (C:96): powdery mildew, blanc: on 1 Ont [1257].
E. communis: powdery mildew, blanc: on 1 Ont [336]. Specimen probably *E. cichoracearum*.
Fusarium spp. (C:96): on 1 Que [335].
Sclerotinia sclerotiorum (C:96): sclerotinia rot, pourriture sclerotique: on 1 BC [337].
Verticillium albo-atrum (C:96): wilt, flétrissure verticillienne: on 1 Ont [38, 333].

DANTHONIA DC. GRAMINEAE

1. *D. spicata* (L.) Beauv., poverty-grass, danthonie à épi; native, BC-Nfld.

Atkinsonella hypoxylon (Balansia h.) (anamorph *Ephelis borealis*) (C:97): on *D.* sp. Que, NS [403], NS [21, 437].
Drechslera verticillata (Podosporiella v.) (holomorph *Pyrenophora semeniperda*): on 1 Ont [1729].
Pseudoseptoria stomaticola (Selenophoma donacis var. *stomaticola)* (C:97): on 1 Ont, Que [1729].
Pyrenophora semeniperda (anamorph *Drechslera verticillata*): on 1 Ont [1617].

DAPHNE L. THYMELAEACEAE

1. *D. mezereum* L., daphne, daphné mézéréon; imported from Eurasia, a garden-escape, Ont-Nfld.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:97): twig blight, brûlure des rameaux: on 1 BC [1816]; on *D.* sp. BC [334].
Marssonina daphnes (Gloeosporium mezereum) (C:97): leaf spot, anthracnose: on 1 BC [334, 1012, 1816], Ont [339]; on 1, *D.* sp. BC [333].

DAUCUS L. UMBELLIFERAE

1. *D. carota* L.; probably most records under this apply to *D. carota* var. *sativa*. 1a. *D. c.* var. *carota*, Queen Anne's lace, carotte sauvage; imported from Eurasia, introduced, BC, Sask-NS. 1b. *D. c.* var. *sativa* DC., carrot, carotte; frequently cultivated.

Alternaria sp.: on 1 NS [989]; on 1b Ont [871].
A. alternata: on 1 Ont [1708].
A. dauci (C:97): leaf blight, brûlure alternarienne: on 1 BC [1816], Ont [339, 921, 1461, 1594], Que [337, 339, 348, 1595, 1647, 1651, 1652, 1653], NB [338, 339, 1594], NS [337, 338]; on 1b Ont [335, 561], Que [333, 334, 335, 336, 1638, 1640, 1641, 1650, 1654, 1671], NS [333, 334, 336, 339].
A. radicina (Stemphylium r.) (C:98): black rot, pourriture noire: on 1 BC [1816], NS [337, 339, 1594]; on 1b BC [333, 334].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:97): gray mold, moisissure grise: on 1 Alta [339, 1594], NB [337, 1594], NS [989]; on 1b NS [333, 336].
Cercospora carotae (C:97): leaf spot, brûlure cercosporéenne: on 1 BC [1816], Ont [1461, 1594], Que [337, 338, 339, 348, 1595, 1647, 1651, 1652, 1653], NS [339, 1594], Nfld [1594]; on 1b Ont [335], Que [333, 334, 335, 336, 1638, 1639, 1640, 1641, 1650, 1654], NB [334], NS [333, 334, 335, 336].
Chalara thielavioides (Chalaropsis t.): dry rot, pourriture sèche: on 1 BC [337, 1165], NS [1165] on carrots in cold storage; on 1b BC [334].
Colletotrichum coccodes (C. atramentarium): on 1b NS [593] inoculated.
C. dematium: on 1b NS [593] inoculated.
Cylindrocarpon destructans: on 1 Ont [1708].
Cylindrosporium sp.: on 1b Ont [871].
Fusarium sp. (C:97): on 1 NS [989]; on 1b Ont [871].
F. solani (holomorph *Nectria haematococca*) (C:98): on 1 Ont [1629].
Geotrichum candidum: on 1 Alta [1594].
Gliocladium sp.: on 1 Ont [1708].
Melanospora papillata: from seeds of 1b Man [1943].
Mucor sp.: on 1 Ont [1708].

Olpidium brassicae: tobacco necrosis virus vector: on 1 Ont [67, 65]; on 1b Ont, Que [67]; on 1b Ont [62, 871].

Penicillium sp.: on 1 Ont [1708], NS [989]; on 1b Ont [871].

Phytophthora sp.: on stored roots of 1 Alta [1734].

P. megasperma (C:98): root rot, mildiou: on 1 BC [1816].

Pythium sp.: on 1 Alta [1734]; on 1b Ont, Que [67], Ont [868, 871].

P. afertile: on 1b Ont [868]; on *D.* sp. BC [1977].

P. intermedium: on 1b Ont [868].

P. irregulare: on 1b Ont, Que [67], Ont [868, 871]; on *D.* sp. BC [1977].

P. sulcatum: on 1b Ont [868, 871], Ont, Que [67]; on 1b, *D.* sp. BC [1977].

P. sylvaticum: on 1 BC, Ont [1846]; on 1b Ont [868]; on *D.* sp. BC [1977].

P. torulosum: on 1b Ont [868]; on *D.* sp. BC [1977].

Rhizoctonia sp.: on 1 Que [348]; on 1b Ont [871].

R. carotae: crater rot: on 1 Que [337].

R. crocorum (holomorph *Helicobasidium purpureum*) (C:98): violet root rot, rhizoctone violet: on 1 BC [1816].

Rhizopus sp. (C:98): on 1 NS [989].

Sclerotinia minor: on 1b Alta [892].

S. sclerotiorum (C:98): sclerotinia rot, pourriture sclérotique: on 1 BC [1816], Alta [337, 1594], Sask [338], Que [1594], NB [337, 338, 1594], NS [338, 989, 1594]; on 1b Alta [335, 336, 1733], Que [334, 1654], NB [336], NS [333, 334, 335, 336], PEI [334].

Stemphylium botryosum (C:97): from seeds of 1b Ont [667].

Stilbella flavescens: on 1 Que [2].

Streptomyces scabies (C:98): scab, gale commune: on 1b NS [334].

Thielaviopsis basicola: black root rot, pourridié noir: on 1 BC [1416].

Ulocladium consortiale (Stemphylium c.): from seeds of 1b Ont [667].

DECODON J.F. Gmel. LYTHRACEAE

1. *D. verticillatus* (L.) Elliott, swamp loosestrife, décodon verticillé; native, Ont-Que.

Puccinia minutissima (C:98): rust, rouille: 0 I on 1 Ont [1236].

DELPHINIUM L. RANUNCULACEAE

1. *D.* x *cultorum* Voss; various garden plants of hybrid origin.
2. *D. elatum* L., bee larkspur, dauphinelle élevée; imported from Eurasia.

See also *CONSOLIDA*.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:98): gray mold, moisissure grise: on 1 BC [1816].

Erysiphe communis (E. polygoni) (C:98): powdery mildew, blanc: on 1 BC, Ont, Que [1257]; on 2 Ont [1257]; on *D.* sp. BC [333, 334], Alta [337, 339], NB [335].

Oidium sp.: powdery mildew, blanc: on 1 BC [1816].

Puccinia recondita s.l. (C:99): rust, rouille: on *D.* sp. BC [1012, 1816].

DESCHAMPSIA Beauv. GRAMINEAE

1. *D. atropurpurea* (Wahl.) Scheele; native, Yukon, BC-Alta, to n. Que, Labr, Nfld.
2. *D. caespitosa* (L.) Beauv., tufted hair grass, deschampsie cespiteuse; native, Mack-Labr, BC-Nfld. 2a. *D. c.* var. *littoralis* (Reut.) Richter; native, n. Mack-Frank.
3. *D. elongata* (Hook.) Munro, slender hair grass; native, Yukon, BC-Alta.
4. *D. flexuosa* (L.) Trin., common hair grass, deschampsie flexueuse; native, Ont-Nfld, introduced, BC.

Claviceps purpurea: ergot, ergot: on 4 Nfld [666].

Mycosphaerella lineolata (C:99): on 2a Que [70].

Phaeosphaeria eustoma: on 2a Que [70].

Pseudoseptoria everhartii (Selenophoma e.) (C:99): on 2 BC [1731].

P. stomaticola (Selenophoma donacis var. *stomaticola)*: on 3 BC [1728].

Puccinia coronata: on 2 Yukon [7].

P. poae-nemoralis (P. poae-sudeticae var. *airae)* (C:99): rust, rouille: on 2 Yukon [1731].

P. praegracilis var. *connersii* (C:99): rust, rouille: II III on 1 Que [1236].

Uromyces mysticus (U. jacksonii): rust, rouille: on 3 BC [1012].

DESCURAINIA Webb & Berth. CRUCIFERAE

1. *D. richardsonii* (Sweet) Schultz, gray tansy mustard, moutarde tanaisie grise; native, Yukon-Mack, Alta-Que. 1a. *D. r.* var. *richardsonii* (*Sisymbrium incisum* Gray var. *hartwegianum* AA.).
2. *D. sophia* (L.) Webb, flixweed, sagesse des chirurgiens; imported from Eurasia, introduced, Yukon, Mack-Frank, BC-Nfld.

Acremonium boreale: on 2 BC, Alta, Sask [1707].

Albugo candida (A. cruciferarum) (C:100): white rust, albugine: on 2 Sask [1323]; on *D.* sp. Sask [1321, 1594].

Alternaria brassicae: on 2 Sask [1323].

Colletotrichum dematium: on *D.* sp. Sask [1319].

Mycosphaerella tassiana var. *tassiana*: on 2 Sask [1327].

Selenophoma sp.: on 2 Sask [1323].

Verticillium dahliae: on 1a BC [1978].

DESMODIUM Desv. LEGUMINOSAE

1. *D. canadense* (L.) DC., Canadian tick-trefoil, desmodie du Canada; native, Man-NS.
2. *D. glabellum* (Michx.) DC.; native to e. USA.
3. *D. paniculatum* (L.) DC.; native, Ont-Que.
4. *D. perplexum* Schub., perplexing tick-trefoil, desmodie perplexe; native to e. USA.

Microsphaera diffusa (C:100): powdery mildew, blanc: on 1 Ont, Que and on 3, 4, *D.* sp. Ont [1257].
M. penicillata: powdery mildew, blanc: on 1 Ont [1257].
Uromyces hedysari-paniculati (C:100): rust, rouille: I II III on 1, 2 Ont [1236].

DIANTHUS L. CARYOPHYLLACEAE

1. *D. barbatus* L., sweet william, jalousie; imported from Europe.
2. *D. caryophyllus* L., carnation, oeillet; perhaps native in the Mediterranean region.

Alternaria sp. (C:100): on *D.* sp. Alta, Ont, Que, NB [333].
A. dianthi (C:100): leaf spot or blight, brûlure alternarienne: on 1 NB [1194]; on 2 BC [1816], Alta [333].
A. dianthicola (C:100): on 1 Ont, Que, NB [333].
Cladosporium elatum: on 2 BC [1816].
Fusarium equiseti (C:100): on 2 BC [1816].
F. oxysporium f. sp. *dianthi* (C:100): on 2 BC [1816].
F. poae (C:100): fusarium bud rot, pourriture fusarienne des boutons: on 2 BC [1816].
Heteropatella valtellinensis (C:100): leaf rot, pourriture du feuillage: on 2 BC [1816].
Heterosporium echinulatum (Cladosporium e.) (holomorph *Mycosphaerella dianthi*) (C:100): leaf spot, tache hétérosporienne: on 1, 2 BC [1816].
Phialophora cinerescens: on 2 Ont [165].
Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:100): stem rot, rhizoctone commun: on 2 Ont [335].
Uromyces dianthi (C:100): rust, rouille: on 2 BC [333, 1816], Ont, Que II III [1236], NS [334].
Verticillium albo-atrum: on 2 NS [334].

DIAPENSIA L. DIAPENSIACEAE

1. *D. lapponica* L.; native, Mack, n. Man, east into Labr-Nfld.

Apiothyrium arcticum (C:101): on 1 Frank, Nfld [297].
Botryosphaeria diapensiae (Guignardia d.) (C:101): on 1 Que [74].

DICENTRA Bernh. FUMARIACEAE

1. *D. spectabilis* (L.) Lem., bleeding heart, coeurs saignants; imported from Japan.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*): gray mold, moisissure grise: on 1 Alta [337]; on *D.* sp. Alta [336].
Dendryphion sp.: on 1 NWT-Alta [1063].

DIERAMA K. Koch IRIDACEAE

1. *D. pulcherrimum* (Hook. f.) Bak.; imported from s. Africa. Cultivated under glass in colder climates.

Cladosporium herbarum: on 1 BC [1012].

DIERVILLA Duham. CAPRIFOLIACEAE

1. *D. lonicera* Mill., bush honeysuckle, herbe bleue; native, Sask-Nfld.

Godronia diervillae: on 1 Ont [656].
G. turbinata (C:101): on 1 Ont, NS [656].
Valdensia heterodoxa (holomorph *Valdensinia h.*): on 1 Que [1430].

DIGITALIS L. SCROPHULARIACEAE

1. *D. lanata* J.F. Ehrh., Grecian foxglove, digitale laineuse; imported from Europe.
2. *D. purpurea* L., common foxglove, digitale pourprée; imported from Europe.

Colletotrichum fuscum (C:101): anthracnose, anthracnose: on 1 BC [1816].
Pythium sp. (C:101): stem and crown rot: on 1 BC [1816].
Ramularia variabilis (C:101): leaf spot, tache des feuilles: on 2 BC [1554, 1816].
Septoria digitalis: septoria leaf spot, tache septorienne: on 1 BC [400].
Verticillium sp.: wilt: on 1 BC [1816].

DIRCA L. THYMELAEACEAE

1. *D. palustris* L., leatherwood, bois de cuir; native, Ont-NS.

Aecidium hydnoideum (C:102): rust, rouille: 0 I on 1 Ont [1236, 1341, 1827, 1828].
Phyllosticta dircae: on leaves of 1 Ont [439].

DISPORUM Salisb. LILIACEAE

1. *D. hookeri* (Torr.) Nichols, fairy bells; native, BC-Alta. 1a. *D. h.* var. *oreganum* (S. Wats.) Q. Jones, Oregon fairy bells, dispore de l'Orégon; native, BC-Alta.
2. *D. trachycarpum* (Wats.) B. & H. (*D. majus* (Hook.) Britt.), white fairy

bells, dispore à fruit velu; native, BC-Ont.

Cercospora streptopi: on 1a BC [1012, 1547, 1816].

Septoria streptopodis (C:102): on 1a BC [976, 1547]; on 1a, 2 BC [1545, 1816]; on *D.* sp. BC [1545].

DISTICHLIS Raf. GRAMINEAE

1. *D. spicata* (L.) Greene; native, BC, NB, NS, PEI.
2. *D. stricta* (Torr.) Rydb.; native, BC, Mack, east into Man.

Dothidella aristidae: on 2 BC [1728].

Puccinia aristidae (C:102): rust, rouille: on 1 BC [1816].

Uromyces peckianus (C:102): rust, rouille: on 1 BC, NS, PEI [1578].

DRABA L. CRUCIFERAE

1. *D. alpina* L., rock-cress draba, drave alpine; native, Yukon-Frank, into Man-Que. 1a. *D. a.* var. *nana* Hook. (*D. bellii* Holm); native, Yukon-Frank.
2. *D. arabisans* Michx., rock-cress draba, drave arabette; native, Ont, Que, Nfld.
3. *D. aurea* Vahl; native, n. BC, Yukon, Mack, and east into n. Que, Labr.
4. *D. cana* Rydb.; native, Alta, Yukon, Mack, east into NB.
5. *D. cinerea* Adams; native, Yukon-Frank, into BC, Sask, Ont, Que.
6. *D. fladnizensis* Wulfen, arctic draba; native, Yukon-Labr, into BC-n. Que. 6a. *D. f.* var. *heterotricha* (Lindbl.) Ball (*D. lactea* Adams); native, Yukon-Frank, n. BC, Man, Que.
7. *D. glabella* Pursh, glabrous draba, drave glabre; native, Yukon-Labr, Nfld, into BC, Man-NS.
8. *D. incana* L., twisted draba; native, Man-NB, PEI.
9. *D. incerta* Payson; native, Yukon, BC-Alta.
10. *D. longipes* Raup; native, Yukon, Mack, BC.
11. *D. nivalis* Lilj. (*D. lonchocarpa* Rydb. var. *l.*); native, Yukon-Labr, BC-Que, Nfld.
12. *D. norvegica* Gunn., Norwegian draba, drave de Norvège; native, Frank, Que, NS, Nfld, Labr.
13. *D. stenoloba* Ledeb.; native, c. Yukon-w. Mack, BC-sw. Alta.
14. *D. subcapitata* Simmons; native, Mack.

Mycosphaerella pyrenaica (C:103): on 1, 1a, 6a, 14 Frank [1586].

M. tassiana (Sphaerella stellarianearum) (C:103): on 1 Keew [437].

Peronospora parasitica (C:103): downy mildew, mildiou: on 6a Frank [1543]; on *D.* sp. Frank [1244].

Pleospora hispida: on dead stems of *D.* sp. Keew [437].

Puccinia drabae (C:103): rust, rouille: on 1a, 5 Frank, on 6a, 7, 9 Keew, on 2 Ont, on 2, 3, 4, 7, 8 Que, on 6a, 10, 11, 13 Yukon, on 7 Man, on 8, 12 Nfld, on 9 Alta, on 9, 10 BC, and on 12 on NS, all from [1563]; and III on *D.* sp. Ont [1236].

P. drabicola: rust, rouille: on 5 Keew and on 9 BC [1563].

P. holboellii (P. thlaspeos auct.*)* (C:103): rust, rouille: on 4, *D.* sp. Alta [1568]; on 8 Que [1236, 1568].

Sphaerotheca fuliginea: powdery mildew, blanc: on 2 Ont [1257].

DRACAENA Vand. ex L. AGAVACEAE

Shrubby or tree-like plants in the old world (1 sp. in America).

Phyllosticta dracaenae: leaf spot, tache des feuilles: on *D.* sp. Ont [339].

DRYAS L. ROSACEAE

1. *D. drummondii* Richardson ex Hook., yellow dryas, dryas de Drummond; native, Yukon-Mack, BC-Alta, Ont-Que, Nfld. 1a. *D. d.* var. *drummondii* (*D.* x *lewinii* Rouleau), BC-Sask, Ont-Que, w. Nfld.
2. *D. integrifolia* Vahl; native, Yukon-Frank, BC-Alta, Man-Nfld. 2a. *D. i.* f. *canescens* (Simmons) Fern.; arctic N. America, south to Alta, Que, Nfld.
3. *D. octopetala* ssp. *alaskensis* (Porsild) Hulten (*D. alaskensis* Porsild); native, Yukon-Mack.
4. Host species not named, i.e., reported as *Dryas* sp.

Cladosporium cladosporioides: from leaves of 4 NWT [1969].

Geomyces pannorum (Chrysosporium verrucosum): from leaves of 4 NWT [1969].

Gnomonia dryadis (C:103): on 2 Labr [79].

G. sibbaldiae: on 2 Frank [79].

Gnomoniella vagans (C:103): on 2 Frank [79].

Isothea rhytismoides (C:104): on 1 Alta [644, 952]; on 2 Frank [1244, 1586].

Marasmius epidryas: on 2 Frank [1239]; on 3 Yukon [1108]; on 4 Keew [1188] on dead parts, Alta [1920].

Pestalotia sp.: from leaves of 4 NWT [1969]. Specimen probably is *Pestalotiopsis* sp.

Phialophora sp.: from leaves of 4 NWT [1969].

Pseudomassaria islandica: on 1 Que, on 1, 1a, 2, 2a Nfld and on 2 Frank, Que, all from [71].

P. minor: on 1 Que, Nfld and on 1a, 2, 2a Nfld, all from [71].

Synchytrium cupulatum (C:104): on 2 Frank [1586].

Trimmatostroma sp.: on 4 NWT [1969].

DRYOPTERIS Adans. POLYPODIACEAE

1. *D. austriaca* (Jacq.) Woyn., spinulose wood fern, dryoptéride spinuleuse; native, Yukon-Mack, BC-Nfld.
2. *D. intermedia* (Willd.) Gray (*D. spinulosa* var. *i.* (Muhlenb.) C.V. Mort., *Thelypteris s.* var. *i.* (Muhl.) Nieuwl.); native, Ont-Nfld.
3. *D. marginalis* (L.) Gray (*Thelypteris m.* Nieuwl.), marginal shield-fern, dryoptéride marginale; native, Ont-NS.

See also *GYMNOCARPIUM* and *THELYPTERIS*.

Helicobasidium holospirum: on 2 NS [1032].
Milesia dilatata (C:104): rust, rouille: on 1 BC [1012, 1816, 2008].
M. fructuosa (M. intermedia) (C:104): rust, rouille: II III on 2 Ont [1236], Que [1377]; on *D.* sp. Que [F66, reported on "fern"].
M. marginalis (C:104): rust, rouille: II III on 3 Ont [1236], Que [1377].
Valdensia heterodoxa (Asterobolus gaultheriae) (holomorph *Valdensinia h.*): on 1 BC [1438].

DULICHIUM Pers. CYPERACEAE

1. *D. arundinaceum* (L.) Britt., three-way sedge, dulichium roseau; native, BC, Man-Nfld.

Puccinia dioicae (C:104): rust, rouille: II III on 1 Ont [1236].

DUPONTIA R. Br. GRAMINEAE

1. *D. fischeri* R. Br.; native, Yukon-Labr, south into n. Man.

Hysteropezizella diminuens: on 1 Frank [664].

ECHINOCHLOA Beauv. GRAMINEAE

1. *E. crus-galli* (L.) Beauv., barnyard grass, pied-de-coq; native, BC-Nfld.

Drechslera dictyoides f. sp. *perenne*: on 1 Ont [1611].
Olpidium brassicae: on 1 BC [1977].
Pythium sp.: on 1 BC [1977].
Rhizoctonia solani (holomorph *Thanatephorus cucumeris*): on 1 Que [317].
Rhizophydium graminis: on 1 Ont [59].

ECHINOCYSTIS Torr. & Gray CUCURBITACEAE

1. *E. lobata* Torr. & Gray, wild cucumber, concombre grimpant; native, Sask-NB.

Verticillium dahliae: on 1 BC [334, 1816, 1978].

ECHIUM L. BORAGINACEAE

1. *E. vulgare* L., blueweed, vipérine; imported from Eurasia, introduced, BC-Nfld.

Ophiobolus cesatianus (Leptosphaeria c.): on 1 Ont [760]; on 1, *E.* sp. Ont [1620].
O. mathieui: on 1 Ont [1620].

ELEAGNUS L. ELEAGNACEAE

1. *E. angustifolia* L., Russian olive, olivier de Bohême; imported from Eurasia, spreading from cultivation, BC-Alta, Man-Ont.
2. *E. commutata* Bernh., (*E. argentea* Pursh, non Moench), silverberry, chalef changeant; native, Yukon-Mack, BC-Que.

Camarosporium elaeagnellum: on 1 Sask [F68].
Cercosporidium manitobanum (Cercospora m.) (C:105): on 2 BC [1012], Sask, Man [1760].
Cladosporium macrocarpum: on 2 Sask [1760].
Nectria cinnabarina (anamorph *Tubercularia vulgaris*): on 1 Alta [F68].
Phomopsis arnoldiae (P. elaeagni): on 1 BC, Ont [15, 17], Que [17].
Puccinia caricis-shepherdiae (C:105): rust, rouille: on 1 BC [1816], Sask [337]; on 2 NWT-Alta [1063], BC [1012]; on *E.* sp. NWT-Alta [1063], Mack [53].
Verticillium albo-atrum: on 1 BC [337].
V. dahliae: on 1 BC [1978].

ELEOCHARIS R. Br. CYPERACEAE

1. *E. palustris* (L.) R. & S., swamp spike rush, eléocharide des marais; native, Yukon-Mack, BC-Nfld.

Puccinia eleocharidis (C:106): rust, rouille: II III on 1 Man, Ont, Que [1559]; on 1, *E.* sp. [1236].

ELYMUS L. GRAMINEAE

See discussion of generic circumscriptions under *Agropyron*.

1. *E. alaskanus* (Scribn. & Merr.) A. Löve ssp. *borealis* (Turcz.) A. & D. Löve *(Agropyron latiglume* (Scribn. & Sm.) Rydb.*)*. This is taxonomically a difficult group. All fungus records herein were reported on *A. latiglume* in the Yukon.
2. *E. canadensis* L., Canada wild rye, élyme du Canada; native, Mack, BC-NS.
3. *E. fibrosus* (Schrenk) Tzvelev (*Agropyron f.* (Schrenk) Nevski); imported from USSR.
4. *E. glaucus* Buckl., blue wild rye, élyme glauque; native, BC-Ont. 4a. *E. g.* var. *virescens* (Piper) Bowden *(E. virescens* Piper*)*; native, BC.

5. *E. hystrix* L. *(Hystrix patula* Moench*)*; porcupine grass, hystrix étalé; native, Man-NB.
6. *E. intermedia* (Host) Nevski ssp. *barbabulatus* (Schur) Löve *(Agropyron trichophorum* (Link) Richt.*)*; imported from Eurasia, cultivated in test plots, no known escapes.
7. *E. lanceolatus* (Scribn. & Sm.) Gould *(Agropyron dasystachyum* (Hook.) Scribn., *A. riparium* Scribn.*)*; northern wheatgrass; native, BC-Ont. 7a. *E. l.* ssp. *albicans* (Scribn. & Sm.) Dewey *(Agropyron a.* Scribn. & Sm., *A. griffithsii* Scribn. & Sm.*)*; native, BC-Sask. 7b. *E. l.* ssp. *yukonense* (Scribn. & Merr.) Löve *(Agropyron y.* Scribn. & Merr.*)*; native, dry prairies, sandhills, Yukon-n. BC.
8. *E. sibiricus* L., Siberian wild rye; native, Mack, BC.
9. *E. subsecundus* (Link) A. & D. Löve *(Agropyron s.* (Link) Hitchc., *A. unilaterale* Cass.*)*; native, c. Yukon, BC-Nfld.
10. *E. trachycaulus* (Link) Gould *(Agropyron t.* (Link) Malte*)*, slender wheatgrass, chiendent à tiges rudes; native, BC-Nfld.
11. *E. virginicus* L., Virginia wild rye, élyme de Virginie; native, BC-Nfld.
12. Host species not named, i.e., reported as *Elymus* sp. Some of these records may be of species of *Leymus* or *Psathyrostachys*.

See also x *Agrohordeum*.

Bipolaris sorokiniana (Helminthosporium sativum) (holomorph *Cochliobolus sativus*) (C:20, 106): foot rot, piétin commun: on 2, 10 Alta [120] by inoculation; on 8 Alta [133]; on 10 Sask [961] by inoculation.

Cercosporidium graminis (Passalora g., Scolecotrichum g.) (C:106): brown stripe, strié brune: on 4 BC [1816]; on 9 Yukon [1731].

Cheilaria agrostis (Septogloeum oxysporum) (C:107): on 4 BC [1012, 1816].

Claviceps sp.: on 4, 7 BC and on 4a, 7a Alta [1781].

C. purpurea (C:20, 106): ergot, ergot: on 3, 8 Alta [133]; on 4 BC [1816]; on 12 BC [333], Ont [1340, 1660].

Drechslera erythrospila: on 12 Sask [338].

D. tritici-repentis (holomorph *Pyrenophora t.*) (C:106): leaf blotch, tache drechsleréenne: on 2 Ont and on 12 Alta, Man [1611].

Epicoccum sp.: on 4 BC [1012].

Erysiphe graminis (C:106): powdery mildew, blanc: on 4a Sask [338]; on 5 Ont, Que [1257]; on 8 Alta [133].

Fusarium culmorum: on 12 Sask [337].

F. nivale: on 1 Yukon [1731]. See *Agrostis*.

Leptosphaerulina sp. *(Pseudoplea* sp.*)*: on 8 Alta [133].

Menispora ciliata: on 12 BC [826].

Pseudoseptoria donacis (Selenophoma d.) (C:21): on 1 Yukon [1731].

P. obtusa (Selenophoma o.) (C:21): on 9 BC [1731].

Puccinia coronata (C:107): crown rust, rouille couronée: II III on 2 Ont [1236].

P. graminis (C:107): stem rust, rouille de la tige: II III on 11 Ont [1236].

P. montanensis (C:21): leaf rust, rouille brune: on 7a, 7, 9 Alta [350].

P. impatienti-elymi (P. recondita in part*)* (C:107): leaf rust, rouille des feuilles: on 4, 4a BC [1012]; on 8 Alta [133]; on 10 BC [1816]; on 11 Ont [1236]. This taxa has been segregated from the *P. recondita* complex and is recognized as a distinct species [1561]. The name was published by Arthur in Klebahn, Wirtsw. Rostp., p. 292, 1904.

P. striiformis (C:107): stripe rust, rouille striée: on 4 BC [1012, 1816].

Rhizophydium graminis: on 2, 10 Ont [59].

Sclerotinia borealis (C:21, 107): snow mold, moisissure nivéale: 2, 7, 8 BC [1816].

Septoria sp. (C:107): on 6, 8 Alta [133].

Ustilago bullata (C:21): head smut, charbon de l'épi: on 10 BC [1816].

U. salvei (U. striiformis auct.*)* (C:21): stripe smut, charbon strié: on 10 BC [333, 1816].

ELYTRIGIA Desv. GRAMINEAE

See discussion of generic circumscriptions under *Agropyron*.

1. *E. intermedia* (Host) Nevski *(Agropyron i.* (Host) Beauv.*)*, intermediate wheatgrass, chiendent intermédiaire; imported from Eurasia.
2. *E. repens* (L.) Nevski *(Agropyrum r.* (L.) Beauv.*)*, quackgrass, chiendent rampant; imported from Eurasia, natzd., Yukon-Mack, BC-Nfld.

Acremonium boreale: on 1 BC, Alta, Sask [1707].

Bipolaris sorokiniana (Helminthosporium sativum) (holomorph *Cochliobolus sativus*) (C:20): foot rot, piétin commun: on 1, 2 Alta by inoculation [120]; on 1, 2 Sask but on 1 by inoculation [961]; on 2 NS [595].

Claviceps purpurea (C:20): ergot, ergot: on 2 Alta [333, 336], Ont [335], NB [1195].

Dasyscyphus pudicellus: on 2 Ont [1340].

Drechslera tritici-repentis (holomorph *Pyrenophora t.*) (C:20): on 2 Ont [1611], NB [333, 1195].

Erysiphe graminis (C:20): powdery mildew, blanc: on 1 Sask [333]; on 2 BC, Alta, Sask, Man, Ont, Que, PEI [1257] and BC

[1816], Alta, Ont [1255], Que [282], NB [333, 1195], NS [335], PEI [336, 1974], Nfld [338].

Fusarium sp. (C:20): on 1 Sask [338].

F. avenaceum: on 2 NB [333, 1195].

Lagena radicicola (C:20): in roots of 2 Ont [68].

Ligniera pilorum: on 2 Ont [60].

Olpidium brassicae (C:20): in roots of 2 Ont [68].

Phyllachora graminis (C:21): tar spot: on 2 BC [1416], Ont [335, 1340, 1827], Que [337], NB [333, 1195], NS [1036].

Polymyxa graminis (C:21): on 2 Ont [68].

Pseudoseptoria donacis (Selenophoma d.) (C:21): on 2 Yukon [1731], BC [1728].

Puccinia coronata (C:21): rust, rouille: II III on 2 Ont [1236, 1341].

P. graminis (C:21): rust rouille: II III on 2 Ont [1236], Que, NS [337], NB [333, 1195].

P. graminis ssp. *graminis* var. *graminis (P. g.* f. sp. *tritici)* (C:21): on 2 Man [617].

P. graminis f. sp. *secalis* (C:21): rye stem rust: "overwintering" on 2 Man [616, 635].

P. montanensis (C:21): leaf rust, rouille brune: on 2 Sask [350].

P. recondita s. l. (C:21): rust, rouille: on 2 BC [1816], Ont [1236], Que [337], NB [333, 1195], NS [335].

P. striiformis (C:21): stripe rust, rouille striée: on 2 BC [1816].

Pythium irregulare: on 2 Ont [868].

P. ultimum: on 2 Ont [868].

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:21): basal rot: on 1 Sask [338].

Rhizophydium graminis: on 2 Ont [59].

Rhynchosporium secalis (C:21): scald: on 2 BC [1816], NB [333, 1195].

Sclerophthora macrospora: downy mildew, mildiou: on 2 Man [338].

Sclerotinia borealis (C:21): snow mold, moisissure nivéale: on 1 BC [1816].

Septoria elymi (C:21): leaf spot, tache septorienne: on 2 NB [333, 1195], NS [335], PEI [336, 1974].

Ustilago hypodytes (C:21): culm smut, charbon de la tige: on 2 BC [339, 1816].

U. spegazzinii: stem smut, charbon de la tige: on 2 BC [333, 334, 336, 337, 338]. These reports may be of *U. hypodytes*.

U. salvei (U. striiformis auct.*)* (C:21): stripe smut, charbon strié: on 2 NB [333, 1195].

Wojnowicia hirta (Hendersonia graminis): on 2 Que [282].

EMPETRUM L. EMPETRACEAE

1. *E. nigrum* L., black crowberry, camarine noire; native, Yukon-Frank, BC-Nfld.

Botryosphaeria empetri (*Physalospora e., P. crepiniana*) (C:107): on 1 Frank, Que, Labr [74] on dead leaves, BC [1012].

B. hyperborea: on 1 Nlfd [74], at tip of leaf or forming a band across middle of leaf.

Chrysomyxa empetri (C:107): rust, rouille: II III on 1 Yukon, NWT, BC, Alta, Man [2008], Yukon [7, 460], NWT-Alta [1063], Mack [53, F66], Frank [1244], BC [1012, 1816], Alta [53, 950, 952], Sask [F66], Man, Que [1236], Nfld [1341] and Que [1377]; on 1, *E.* sp. BC [953, 954]; on *E.* sp. Mack [F64].

Cladosporium sp.: on 1 BC [1012].

Duplicaria empetri: on 1 Que [1411].

Euantennaria arctica (Limacinia a.): on 1 Que [70, 797].

Exobasidium empetri (C:107): on 1 BC [1816].

Herpotrichiella polyspora: on 1 Que [70].

Marasmiellus paludosus: on 1 NB [1433].

Mycosphaerella tassiana var. *tassiana* (C:107): on 1 Que [70].

Phaeangellina empetri: on 1 Nfld [1340].

Sphaeropezia empetri (C:107): on 1 BC [1012, 1816].

ENDYMION Dum. LILIACEAE

Bulbous, scapose perennial herbs native to w. Europe and nw. Africa.

1. *E. hispanicus* (Mill.) Chouard (*Scilla h.* Mill.), Spanish bluebell; imported from Mediterranean region.
2. *E. non-scriptus* (L.) Garcke (*Scilla n.* (L.) Hoffmgg. & Link), harebell; imported from w. Europe.

Uromyces muscari (U. scillarum) (C:261): rust, rouille: on 1 BC [334]; on 1, 2 BC [1816]; on 2 BC [336, 1012].

U. muscari f. sp. *scillae* (C:261): rust, rouille: on 1 BC [1545].

EPIGAEA L. ERICACEAE

1. *E. repens* L., mayflower, fleur de mai; native, Man-Nfld.

Cercospora epigaeae: on living leaves of 1 Ont [441].

Microsphaera vaccinii (M. penicillata var. *v.)* (C:107): powdery mildew, blanc: on 1 Ont, Que [1257].

EPILOBIUM L. ONAGRACEAE

1. *E. alpinum* L.; native, Yukon-Mack, BC-Alta, Que, Nfld, Labr. 1a. *E. a.* var. *alpinum (E. anagallidifolium* Lam.); native, Yukon, BC-Alta, Que, Nfld, Labr. 1b. *E. a.* var. *clavatum* (Trel.) Hitchoc. (*E. clavatum* Trel.); native, BC-Alta. 1c. *E. a.* var. *gracillimum* (Trel.) Hitchc. (*E. oregonense* Haussk.); native, BC. 1d. *E. a.* var. *nutans* (Hornem.) Hook. (*E. hornemannii* Rchb.); native, Yukon, BC-Alta, Que, Nfld, Labr.

2. *E. angustifolium* L., fireweed, bouquets rouge; native, Yukon-Labr, BC-Nfld.
3. *E. coloratum* Biehler, purple-veined willow-herb, épilobe coloré; native, Ont-NS.
4. *E. davuricum* Fisch. (including *E. davuricum* var. *arcticum* (Sam.) Polunin); native, Yukon-Labr, BC, Man-Que.
5. *E. glandulosum* Lehm., glandular willow-herb, épilobe glanduleux; native, Yukon, BC-Que, NS-Nfld. 5a. *E. g.* var. *tenue* (Trel.) Hitchc. (*E. brevistylum* Barbey); native, BC.
6. *E. hirsutum* L., hairy willow-herb, épilobe hirsute; imported from Eurasia, introduced, Ont, Que and NS.
7. *E. latifolium* L., river beauty, épilobe à feuilles larges; native, Yukon-Labr, BC-Que, Nfld.
8. *E. leptophyllum* Raf., narrow-leaved willow-herb, épilobe à feuilles étroites; native, Mack, Alta-Nfld.
9. *E. luteum* Pursh; native, BC-Alta.
10. *E. palustre* L., swamp willow-herb, épilobe palustre; native, Yukon-Labr, BC-Nfld. 10a. *E. p.* var. *grammadophyllum* Haussk.
11. *E. paniculatum* Nutt.; native, BC-Man, introduced, Ont-Que.
12. *E. strictum* Muhl., narrow willow-herb, épilobe étroite; native, Ont-NS, PEI.
13. *E. watsonii* Barbey (*E. glandulosum* var. *adenocaulon* (Haussk.) Fern., *E. g.* var. *occidentale* (Trel.) Fern.); native, Yukon-Mack, BC-Nfld.
14. Host species not named, i.e., reported as *Epilobium* sp.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:108): on 7 Frank [664].

Cercospora montana (Ramularia m.) (C:109): on 1d, 2, 11 BC, on 1d, 2, 5 Que, on 2 Yukon, Alta, Sask, Ont, on 3, 5 Ont and on 10 Keew, Man, all from [1546]; on 2 BC [1816], Alta [644].

Discostroma tosta (Clathridium t., Paradidymella t.) (anamorph *Seimatosporium passerinii*) (C:108): on 2 BC [1159], Que [70, 1159].

Ditopellopsis racemula: on 2 BC [79].

Doassansia epilobii (C:108): on 1, 1b, 1c, 1d BC and on 1d, 10 Que [1546].

Gloeosporium bowmanii: on leaves of 3 Ont [439]. A doubtful species of *Gloeosporium* [20].

Leptosphaeria doliolum (C:108): on 5 Que [70].

Mycosphaerella chamaenerii (anamorph *Ramularia c.*) (C:108): on 7 Frank, Keew, BC, Que [1546], Frank [1244].

M. minor (C:108): on 2 Que [70].

Nectria pedicularis (C:108): on 2 Que [70].

Pistillaria typhuloides (C:108): on 2 BC [1012].

Plasmopara latifolii (C:108): downy mildew, mildiou: on 7 Yukon, Keew, BC, Que [1546].

Psilocybe inquilina (P. acadiensis): on 14 NS [1693].

Puccinia dioicae (C:108): rust, rouille: 0 I on 2 BC [1012], Ont [1236, 1341].

P. epilobii (C:108): rust, rouille: on 10 Nfld [1341]; III on 10a Ont [1236].

P. epilobii ssp. *palustris* (C:108): on 10 Keew, BC, Ont, Nfld [1546].

P. gigantea (C:108): rust, rouille: on 2 NWT-Alta [1063], Mack [53], BC [1012, 1816], Alta, Man, Que [1546].

P. pulverulenta (C:108): rust, rouille: on 11 BC [1012, 1816]; on 14 NWT-Alta [1063].

P. scandica (C:108): rust, rouille: on 1 BC and on 1a, 1b BC, Alta [1546].

P. veratri (C:108): rust, rouille: on 1, 14 BC [1546]; on 7 BC [1012, 1816], Alta [1545]; on 9 BC [1545, 1816].

Pucciniastrum epilobii (P. abieti-chamaenerii) (C:108): rust, rouille: on 1, 2 BC [1816]; on 1d, 2, 5, 5a BC [1012]; on 2 Yukon, NWT, BC, Alta, Sask, Man [2008] also Yukon, Mack, BC, Alta, Sask, Ont, Que, Labr, Nfld [1546] and Yukon [460], NWT-Alta [1063], Mack [53], BC [2007], Alta [53, 560, 737, 1402, F65], Ont [1236, 1341, F70], Que [282, F60], NB, NS, PEI [1032], Nfld [1659, 1660, 1661]; II III on 3, 5, 6, 12 Ont [1236]; II III on 5 NWT-Alta [1063], BC [954], Alta [53, 950, 1402, F65], Que [F61]; on 7 Que [1546]; II III on 10 Que [1236].

P. pustulatum (C:109): rust, rouille: on 2 Que [1377]; on 3 Que and on 5 BC, Alta, Sask, Ont, Que, NS, PEI, Nfld [1546]; on 5, 5a BC [1816]; on 6 Ont, on 9 BC and on 10 BC, Sask, Man, Ont, Que, Nfld [1546].

Sphaerotheca epilobii: powdery mildew, blanc: on 5 BC [1012], BC, Ont, Que [1257]; on 8 Labr and on 10 Man, Labr, Nfld [1257].

S. macularis (C:109): powdery mildew, blanc: on 5 Que, on 8, 10 Labr and on 10 Man, Nfld [1546].

Sydowiella fenestrans (C:109): on 2 Que [70, 79].

Synchytrium ?aureum (C:109): on 1a Que, on 4, 10 Keew and on 7 Frank [1546].

Venturia adusta (Sphaerella effusa) (C:109): on overwintered leaves and stalks of 7 NWT, BC, Que [73].

V. maculiformis (C:109): on living and dead leaves of 14 Frank, BC, Que [73].

EQUISETUM L. EQUISETACEAE

1. *E. arvense* L., common horsetail, queue de renard; native, Yukon-Labr, BC-Nfld.

Acremonium boreale: on 1 BC, Alta, Sask [1707].

Lachnella alboviolascens: on 1 BC [1424].

Thelephora terrestris: on *E.* sp. Ont [1828]. See *Pinus*.

Thielaviopsis basicola: on 1 Ont [546].
Verticillium dahliae: on 1 BC [1978].

ERANTHIS Salisb. RANUNCULACEAE

1. *E. hyemalis* (L.) Salisb., winter aconite, éranthe; imported from Europe.

Urocystis eranthidis (C:109): smut, charbon: on 1 BC [1816].

ERECHTITES Raf. COMPOSITAE

Erect and coarse annual, odoriferous herbs of America, Australia and New Zealand.

1. *E. hieracifolia* (L.) Raf., fireweed, crève-à-yeux; native, Ont-NS, PEI.

Sphaerotheca fuliginea: powdery mildew, blanc: on 1 Ont, Que [1257].

ERIGENIA Nutt. UMBELLIFERAE

1. *E. bulbosa* (Michx.) Nutt., harbinger-of-spring; native, Ont.

Puccinia erigeniae (C:109): rust, rouille: 0 I III on 1 Ont [1236].

ERIGERON L. COMPOSITAE

1. *E. annuus* (L.) Pers., annual daisy-fleabane, vergerette annuelle; native, BC-Nfld.
2. *E. aureus* Greene; native, BC-Alta.
3. *E. canadensis* L., butterweed, vergerette du Canada; native, Mack, BC-Nfld.
4. *E. filifolius* Nutt.; native, BC.
5. *E. linearis* (Hook.) Piper; native, BC.
6. *E. philadelphicus* L., Philadelphia fleabane, vergerette de Philadelphie; native, Yukon-Mack, BC-Nfld.
7. *E. strigosus* Muhl., white-top, vergerette rude; native, BC-Nfld. 7a. *E. s.* var. *strigosus* f. *strigosus* (*E. ramosus* (Walt.) BSP); native, BC-Nfld.

Cercosporella virgaureae: on 1, *E.* sp. Que and on 1, 3, 6 Ont [1352]; on 3 Ont [380].
Coleosporium asterum (C. solidaginis) (C:110): rust, rouille: on *E.* sp. Que [1377].
Leptothyrium punctiforme: on 7 Ont [195].
Ophiobolus collapsus: on *E.* sp. Ont [1620].
Puccinia dioicae (C:110): rust, rouille: 0 I on 6 Ont [1236].
P. grindeliae: rust, rouille: on 2, 4 BC [1578].
P. stipae (C:110): rust, rouille: 0 I on 4 BC [644]; on 5 BC [1012, 1816].
Pythium sp.: on 1 Ont [868].
P. intermedium: on 1 Ont [868].
Septoria erigeronti: (C:110): on 1, 7a Ont [195].
Sphaerotheca fulignea: powdery mildew, blanc: on 1, 3, 6 Ont and on 6 Que [1257].
Thielaviopsis basicola: on 3 Ont [546].

ERIOGONUM Michx. POLYGONACEAE

1. *E. flavum* Nutt., yellow umbrella plant, eriogone jaune; native, BC-Man.
   1a. *E. f.* var. *flavum*; native, BC-Alta.
2. *E. heracleoides* Nutt.; native, BC.
3. *E. niveum* Dougl. ex Benth., snow eriogonum; native, BC.

Uromyces intricatus (C:110): rust, rouille: on 2 BC [1012, 1816].
U. intricatus var. *major*: rust, rouille: on 1a Sask and on 2 BC [1552].
U. intricatus var. *nivei*: rust, rouille: on 3 BC [1552].
U. intricatus var. *umbellati*: rust, rouille: on 2 BC [1552].

ERIOPHORUM L. CYPERACEAE

1. *E. angustifolium* Honckeny (*E. polystachyon* auct. non L.), narrow-leaved cotton-grass, linaigrette à feuilles étroites; native, Yukon-Labr, BC-Nfld.
2. *E. chamissonis* Meyer, wet peat; Yukon, BC-Que, Nfld.
3. *E. scheuchzeri* Hoppe; native, Yukon-Labr, BC-Que, Nfld.
4. *E. tenellum* Nutt., filiform cotton-grass, linaigrette ténue; native, Ont-Nfld.
5. *E. vaginatum* L., dense cotton-grass, linaigrette dense; native, Yukon-Frank, BC-Nfld. 5a. *E. v.* ssp. *spissum* (Fern.) Hulten (*E. spissum* Fern.); native, Yukon-Frank, Alta-Sask, Ont-Nfld.
6. *E. virginicum* L., tawny bog-cotton, linaigrette de Virginie; native, Ont-Nfld.

Myriosclerotinia dennisii (Sclerotinia d.) (C:111): on 3 Frank [428, 664, 1243, 1586].
M. vahliana (Sclerotinia v.) (C:111): on 1 Frank [1244], Nfld [428]; on 1, 3 Mack [664], Frank [428, 664, 1239, 1244, 1586]; on 5a, *E.* sp. Keew [428]; on *E.* sp. Frank, Keew, Nfld [666].
Puccinia angustata (C:111): rust, rouille: II III on 1 Sask, NS, Nfld and on 4 Ont [1559]; on 4, 6 Ont [1236].
P. eriophori: rust, rouille: on 2 BC and on 4, 6 Ont [1559].
P. eriophori var. *apargidii*: on 1 BC [1559].
Wettsteinina macrotheca (C:111): on 1 Que [70].
W. niesslii (C:111): on 1 Que [70].

ERYSIMUM L. CRUCIFERAE

1. *E. asperum* (Nutt.) DC., western

wallflower; native, BC-Man, introduced, Ont-Que.

2. *E. cheiranthoides* L., wormseed mustard, vélar giroflée; imported from Eurasia, introduced, Yukon-Mack, BC-Nfld.
3. *E. inconspicuum* (Wats.) MacM., small flowered prairie rocket, vélar à petites fleurs; native, Yukon-Mack, BC-NS, Nfld. 3a. *E. i.* var. *inconspicuum* (*E. parviflorum* Nutt.); native, Yukon-Mack, BC-Ont.
4. *E. pallasii* (Pursh) Fern.; native, Yukon-Frank, Alta.

Mycosphaerella tassiana var. *tassiana*: on 1, 3a Sask [1327].
Puccinia holboellii (P. thlaspeos) (C:111): rust, rouille: on 4 Mack [1586], Frank [1239, 1568, 1586].
Pythium catenulatum: on 2 Ont [868].
P. irregulare: on 2 Ont [868].

ERYTHRONIUM L. LILIACEAE

1. *E. americanum* Ker., trout lily, ail doux; native, Ont-NS.
2. *E. grandiflorum* Pursh, avalanche lily; native, BC-Alta.
3. *E. oregonum* Applegate, white fawn lily; native, BC.
4. *E. revolutum* J. Sm., pink fawn lily; native, BC.

Botrytis tulipae (C:111): blight, brûlure: on 2 BC [1816].
Ciborinia erythronii (C:111): on *E.* sp. Ont, Que [662].
Puccinia sessilis (C:111): rust, rouille: 0 I on 1 Ont [1236].
Urocystis erythronii (C:112): smut, charbon: on 1 Ont, Que [1545].
Uromyces heterodermus (C:112): rust, rouille: 0 III on 2 NWT-Alta [1063], Alta [644, 952, 1545]; on 2, 3, 4 BC [1545, 1816]; on 3 BC [1012].
Ustilago heufleri (C:112): smut, charbon: on 1 Ont, Que [1545]; on 3 BC [1545, 1816].

EUCALYPTUS L'Her. MYRTACEAE

1. *E. rubida* H. Deane & Marden, candle-bark gum; imported from Australia.

Cytospora sp.: on 1 BC [1012].

EUONYMUS L. CELASTRACEAE

1. *E. alata* (Thunb.) Siebold, winged spindle tree, fusain ailé; imported from e. Asia.

Diplodia ramulicola (C:112): twig blight, brûlure des rameaux: on 1 BC [1012, 1816].
Gloeosporium sp.: on 1 BC [1816].

EUPATORIUM L. COMPOSITAE

1. *E. maculatum* L., joe-pye-weed, eupatoire maculée; native, BC-Nfld.
2. *E. perfoliatum* L., boneset, herbe à sonder; native, Man-PEI.
3. *E. purpureum* L., joe-pye-weed, eupatoire pourpre; native, BC-Nfld.
4. *E. rugosum* Houtt. (*E. ageratoides* L.), white snakeroot, eupatoire rugeuse; native, Sask-NS.

Aecidium ageratinae: rust, rouille: on 4 Ont, Que [1709].
Erysiphe cichoracearum (C:112): powdery mildew, blanc: on 1 Que and on 1, 2, 4 Ont [1257]; on 3 Ont [1828].
Puccinia eleocharidis (C:112): rust, rouille: 0 I on 2, 3 Ont [1236, 1559]; on 4 Ont [1236].
P. tenuis (C:112): rust, rouille: 0 I III on 4 Ont [1236], Que [351].

EUPHORBIA L. EUPHORBIACEAE

1. *E. cyparissias* L., cypress spurge, euphorbe cyprès; imported from Eurasia, introduced, BC, Sask-Nfld.
2. *E. dentata* Michx.; imported from USA, introduced, s. Ont.
3. *E. esula* L., leafy spurge, euphorbe ésule; imported from Eurasia, introduced, BC-PEI.
4. *E. glyptosperma* Engelm.; native, BC-NB.
5. *E. humistrata* Engelm.; imported from e. USA, introduced, Ont-Que.
6. *E. nutans* Lag. (*E. maculata* auct. Amer., non L.); native, Ont-Que.
7. *E. peplus* L., petty spurge, euphorde des jardens; imported from Eurasia, introduced, BC, Sask-Nfld.
8. *E. pulcherrima* Willd. ex Klotzch, poinsettia, poinsettia; imported from Central America and Mexico.
9. *E. serpyllifolia* Pers., thyme-leaved spurge, euphorbe à feuilles de Serpolet; native, BC-Man, introduced, Ont-NB.
10. *E. vermiculata* Raf., hairy-stemmed spurge, euphorbe vermiculée; native, Ont-NS.

Alternaria alternata (A. tenuis auct.*)* (C:112): on 7 BC [1816].
Erysiphe communis (E. polygoni): powdery mildew, blanc: on 9 Ont [1236].
Melampsora sp.: rust, rouille: on 7 BC [1816].
M. euphorbiae (C:112): rust, rouille: 0 I II III on 1 Ont [1236].
M. ?euphorbiae-gerardianae (C:112): rust, rouille: on 7 BC [1012].
M. monticola (C:113): rust, rouille: on 7 BC [334, 1012, 1786].
Thielaviopsis basicola: on 8 Ont [337].
Uromyces euphorbiae (C:113): rust, rouille: 0 I II III on 2 Ont [1236]; on 4 BC [1012]; on 4, 5, 6, 9, 10, *E.* sp. Ont [1236].

U. pisi: rust, rouille: on 1 Ont [1341]. Probably a specimen of *U. striatus*.

U. striatus (C:113): rust, rouille: 0 I on 1 Ont [1236]; on 1, 3 Ont [1237].

EUTREMA R. Br. CRUCIFERAE

1. *E. edwardsii* R. Br.; native, Yukon-Labr, n. BC- n. Alta, ne. Man, n. Que.

Peronospora parasitica (C:113): downy mildew, mildiou: on 1 Frank [1244].

Puccinia eutremae (C:113): rust, rouille: on 1 Frank, Keew, Que [1563] and Frank [1244].

FAGOPYRUM Mill. POLYGONACEAE

1. *F. esculentum* Moench (*F. sagittatum* Gilib.), buckwheat, sarrasin; imported from Asia.

Alternaria sp.: on seeds of 1 Man [1119].

A. alternata: on leaves and seeds of 1 Man [2012].

Ascochyta fagopyri: on 1 Que [335].

Aspergillus candidus: on seeds of 1 in storage Man [1119].

A. versicolor: on seeds of 1 in storage Man [1119].

Bipolaris sorokiniana (holomorph *Cochliobolus sativus*): on 1 Man [2012].

Botrytis sp.: on 1 Man [1119].

B. cinerea (holomorph *Botryotinia fuckeliana*): gray mold, moisissure grise: on 1 Sask [1139, 1136], Que [334, 335].

Cephalosporium sp.: on seeds of 1 Man [1119].

Cladosporium sp.: on seeds of 1 Man [1119].

Epicoccum sp.: on seeds of 1 Man [1119].

Fusarium sp.: on seeds of 1 Sask [1119, 1136], Man [1119].

Gonatobotrys sp.: on seeds of 1 Man [1119].

Penicillium sp.: on seeds of 1 in storage Man [1119].

Peronospora ducometi: downy mildew, mildiou: on 1 Man [2013].

Rhizoctonia sp.: on 1 Sask [1136].

R. solani (holomorph *Thanatephorus cucumeris*): on 1 NB [336].

Rhizopus sp.: on seeds of 1 Man [1119].

Streptomyces sp.: on seeds of 1 Man [1119]. An Actinomycete.

Sclerotinia sclerotiorum: on 1 Sask [1136].

FAGUS L. FAGACEAE

1. *F. grandifolia* Ehrh., american beech, hêtre américain; native, Ont-PEI.
2. *F. sylvatica* L., european beech, hêtre européan; imported from Europe.
3. Host species not named, i.e., reported as *Fagus* sp. Most reports were based on specimens from the native forests thus they would have been *F. grandifolia*.

Agrocybe acericola (Pholiota a.) (C:115): on 1 NS [1032].

Albatrellus peckianus (Leucoporus p.): on 1 Que [1385]. Apparently lignicolous on dead roots.

Anisogramma sp. (*Apioporthe* sp.): on 1 Que [F64].

Anthostoma microsporum: on 3 Ont [1340].

Armillaria mella: root rot, pourridié-agaric: on 1 Que [1376, 1377, F66], NS [1032]. See *Abies*.

Ascocoryne sarcoides (Coryne s.) (C:114): on 1 Que [1385] on dead trunks and stumps, NS [1032].

Ascodichaena rugosa (Dichaena faginea) (C:114): on 1 NS [1032].

Ascotremella faginea (C:113): on dead trunks of 1 Que [1385]; on 3 Ont [1340].

Aspergillus fumigatus: on 3 NB [1610].

Asterosporium sp.: on 3 Ont [1340]. Probably *A. asterospermum*.

A. asterospermum (A. hoffmanii) (C:113): on 1 Ont [1827, 1828, F63, F65], NS [1032]; on 3 Ont [1340, 1763].

Basidioradulum radula (Radulum orbiculare): on 1 NS [1036]. See *Abies*.

Bispora betulina: on 3 NB [1610].

Bisporella citrina (Helotium c.): on 1 NB [1036].

Bjerkandera adusta (Polyporus a.) (C:115): white mottled rot, carie blanche madrée: on 1 Que [1377], NB, NS [1032].

B. fumosa (Polyporus f.): on 1 Que [1376]. See *Acer*.

Botryobasidium pruinatum (Pellicularia p.) (C:115): on 1 NS [1032]. Typically on rotted wood.

Botryosphaeria quercuum (B. fuliginosa) (C:113): on 1 NS [1032].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*): on 1 NB [1036].

Brachysporium nigrum: on decaying wood of 1 Ont, Que [827].

Calocera cornea (C:113): on 3 NS [1032]. Lignicolous, typically on logs. See *Acer*.

Ceraceomyces serpens (Merulius porinoides) (C:114): on 1 NS [1032]; on 3 Ont [568]. See *Abies*.

Ceratocystis tenella: on 1 Ont [647]; on 3 Ont [1340].

Ceriporia tarda (Poria semitincta): on 1 NS [1036]. See *Abies*.

Ceriporiopsis subrufa (Poria s.): on rotten log of 3 Ont [440].

Cerrena unicolor (Daedalea u.) (C:114): on 1 Ont [1341], Que [1391, 1376], NB [1032, 1741 associated with wood wasp *Tremex columba*], NS, PEI [1032]. See *Acer*.

Chaetosphaeria pulviscula (Zignoella p.) (C:115): on 1 NS [1032].

Chalara cylindrosperma: on 3 Ont [1165].

Cheirospora botryospora (Thyrsidium b.) (C:113): on 1 NS [1032].

Chlorencoelia torta (Chlorociboria rugipes): on 3 Ont [1340].

Chlorociboria aeruginascens (Chlorosplenium aeruginosum) (C:113): on 3 NB, NS [1032].

Chlorosplenium versiforme: on 3 Ont [1340] as *Chloroscypha v.*, a combination which has not been validly published.

Chondrostereum purpureum (Stereum p.) (C:115): silver leaf, plomb: on 1 NB [1032, 1036]. Typically fruits on dead wood. See *Abies*.

Ciboria peckiana (Rutstroemia macrospora): on 1 NB [1032].

Cladosporium sp.: on 3 NB [1610].

Clavaria sp.: on 1 NB [1032]. Probably occurred on rotted wood.

Climacodon septentrionalis (Hydnum s., Steccherinum s.): on 1 Que [1376]; on 3 Ont [1341]. Typically fruiting on wounds on live trees. See *Acer*.

Clitocybe leptoloma (C:113): on 1 NS [1032]. Lignicolous.

Coccomyces coronatus (C:114): on 1 NS [1032]; on 3 NS [1609].

C. tumidus: on 3 NS [1609].

Coniophora puteana: on 1 NS [1032]. See *Abies*.

Conoplea fusca: on 1 Ont [1340].

C. olivacea (C. sphaerica) (C:114): on 3 Ont, Que [784].

Coriolus hirsutus (Polyporus h.) (C:115): white spongy rot, carie blanche spongieuse: on 1 Que [1377], NB, NS [1032]; on 1, 2 Ont [1341].

C. pubescens (Polyporus p., P. velutinus) (C:115): on 1 Ont [1341], NB [1032, 1741], NS [1032]; on 3 Ont [1660]. See *Abies*.

C. versicolor (Polyporus v.) (C:115): white spongy rot, carie blanche spongieuse: on 1 Que [1377], NB, NS, PEI [1032] and NB [1741]; on 1, 3 Ont [1341]; on 3 Ont [426].

Crepidotus applanatus (C:114): on 1 NB, NS [1032]. Lignicolous.

C. stipitatus (C:114): on 1 NS [1032]. Lignicolous.

C. versutus (C:114): on 1 NS [1032]. Lignicolous.

Cryptodiaporthe galericulata (C:114): on 1 NS [1032]; on 3 Ont [1340].

Cudonia lutea (C:114): on 1 NS [1032].

Cylindrobasidium evolvens (Corticium e.): on 3 NB [1610]. Typically fruiting on dead branches and stems.

Cylindrocarpon sp.: on 1 NB [1032].

C. faginatum: on 1 NB, NS [1522].

Cyphellopsis anomala (Solenia a.) (C:115): on 1 Ont [1341]. Lignicolous, apparently saprophytic.

Daedalea quercina: on 1 NS [1036]. Associated with a brown rot.

Daedaleopsis confragosa (Daedalea c.) (C:114): on 1 NB, NS [1032]. See *Acer*.

Daldinia concentrica: on 1 NS [1032]. Typically on dead wood.

Dasyscyphus tricolor (Lachnella t.): on 3 NS [1032].

Datronia scutellatus (Fomes s.): on 3 Ont [1341]. See *Alnus*.

Dendrothele alliacea (Aleurocorticium a.): on 1 Que [965]. Lignicolous.

Diaporthe fagi: on 1 Ont [F65]; on 3 Ont [1340].

Diatrype sp.: on 3 Ont [1340].

D. albopruinosa: on 1 Ont [1354].

D. bullata: on 1 Ont [1828]; on 3 Ont [1340].

D. stigma (C:114): on 1 NB [1032].

D. virescens (C:114): on 1 Ont, Que [1355]; on 3 Ont [1340].

Diatrypella nigro-annulata (C:114): on 1 NS [1032].

Discula umbrinella (D. quercina, Gloeosporium fagicola) (C:114): leaf spot, anthracnose: on 1 Ont [1340], NB, NS, PEI [1032, 1340, F64, F65] also NB, NS [F63, F67, F75] and NB [F70, F76], NS [F66, F74].

Dothiorella sp.: on 1 Ont [1827]; on 3 Ont [1828].

Eutypa spinosa (C:114): on 1 NS [1032].

Exidia glandulosa (C:114): on 1 NB, NS [1032]. Lignicolous, typically on dead wood.

Favolus alveolaris (C:114): on 1 NB, NS, PEI [1032]; on 2 Ont [1341]. Often on dead branches still attached to the tree. See *Acer*.

Femsjonia peziziformis: on 1 NS [1032]. Lignicolous.

Flammulina velutipes: on 1 Que [1385] on stumps and dead trunks, sometimes on dead parts of live trees. Associated with a white rot.

Flaviporus americana (Poria aestivale): on 1 NS [1036]. Associated with a white rot.

F. semisupinus (Polyporus s.): (C:115): on 1 NS [1032]. See *Betula*.

Fomes fomentarius (C:114): white mottled rot, carie blanche madrée: on 1 Que [1377, 1376], NB, NS, PEI [1032]; on 3 Ont [1341].

Fomitopsis pinicola (Fomes p.) (C:114): on 1 NB, NS [1032]. See *Abies*.

Fusarium avenaceum: on 1 NB [1036].

F. oxysporum var. *redolens (F. redolens)*: on 1 NB [1036].

Fusicoccum sp.: on 1 Ont [1827].

Ganoderma applanatum (Fomes a.) (C:114): white mottled rot, carie blanche madrée: on 1 Que [1376, 1377], NB, NS, PEI [1032]; on 2 BC [1012]; on 1, 3 Ont [1341].

G. lucidum: on 1 PEI [1032]. See *Abies*.

Gliocladium viride: on 3 NB [1610].

Gliomastix musicola: on 1 Ont [399].

Gloeocystidiellum porosum (Corticium p.): on 1 NB [1032, 1036]. Lignicolous, probably saprophytic.

Gloeoporus dichrous (Polyporus d.): on 1 Ont [1063, 1341], NB, NS [1032]. See *Acer*.

Gloeosporium sp.: on 1 NB, NS, PEI [1032]; on 3 Ont [1340].

Gloniopsis curvatum (G. gerardiana): on 3 Ont [1340].

Gonatorrhodiella highlei: on 1 NB, NS [1032]. Specimens possibly misdetermined, because the fungus labelled *G. highlei* in North America may not be the same as the original *G. highlei*. In North America the fungus seems to be mycoparasitic on *Nectria coccinea* on *Fagus*.

Graphium sp.: on 3 NB [1610].

Haematostereum rugosum (Stereum r.): on 1 NS [1032]. See *Abies*.

H. sanguinolentum (Stereum s.): on 1 NS [1032]. See *Abies*.

Hapalopilus nidulans (Polyporus n.) (C:115): on 1 NS [1032]. See *Abies*.

Hericium sp.: on 1 Ont [1341], NB [1032]. Lignicolous.

H. americanum (H. coralloides N. Amer. auct.*)* (C:114): white spongy rot, carie blanche spongieuse: on 1 Ont [1341], Que [1385 on live or dead trunks], NS [1032].

H. coralloides (H. ramosum, Hydnum caput-ursi) (C:114): white spongy rot, carie blanche spongieuse: on 1 Que [1376, 1385], NS [1032].

H. erinaceus: on 1 Ont [1341], NS [1032]. See comment under *Acer*.

Heterochaetella dubia (C:114): on 1, 3 Ont [1015]. Lignicolous, probably saprophytic.

Hydnochaete olivaceum (C:114): on 1 NS [1032]. Typically fruiting on dead branches and small stems. See *Acer*.

Hymenochaete sp.: on 1 Ont [1341].

H. agglutinans: on 1 NB, NS, PEI [1032]. Apparently a sterile mycelial state of *H. corrugata*. See *Alnus*.

H. badioferruginea (C:114): on 1 NS [1032]. Lignicolous.

H. corrugata (C:114): on 1 Ont [1341], NB, NS, PEI [1032]. See *Abies*.

H. corticolor (C:114): on 1 NS [1032]. Lignicolous but see *H. badioferruginea* under *Abies*.

H. spreta: on 1 NS [1032]. See *Acer*.

H. tabacina (C:114): on 1 BC [1012], Que [1376], NB, NS, PEI [1032]. See *Abies*.

Hymenoscyphus epiphyllus (Helotium e.) (C:114): on 3 NS [1032].

Hyphoderma setigerum (Peniophora aspera) (C:115): on 3 NS [1032]. See *Abies*.

Hyphodontia crustosa (Odontia c.) (C:114): on 1 NS [1032]. See *Abies*.

H. papillosa: on 1 NS [1032]. Associated with a white rot.

H. setulosa (Steccherinum s.): on 1 NS [1032]. Lignicolous.

H. spathulata (Odontia s.): on 1 PEI [1032]. Lignicolous.

Hypochnicium vellereum (Corticium v.) (C:114): on 3 NS [1032]. See *Acer*.

Hypocrea patella (C:114): on 1 NS [1032].

H. rufa (C:114): on 1 NS [1032]; on 3 Ont [1340].

Hypoxylon sp.: on 1 NB, NS [1032].

H. cohaerens (C:114): canker, chancre hypoxylonien: on 1 Ont [F71], Que [1376, 1377, 1385], NB, NS, PEI [1032]; on 1, 3 Ont [1340].

H. deustum (Ustulina vulgaris) (C:114): brittle white heart rot, carie blanche friable: on 1 Ont [1340], Que [1376, 1377], NB, NS [1032].

H. fragiforme (C:114): on 1 NB, NS [1032]; on 1, 3 Ont [1340].

H. mammatum (H. blakei): on 1 Que [1376, 1377]; on 3 Ont [1340].

H. rubiginosum: on 1 Que [1340]; on 3 NB [1610].

Hypsizygus ulmarius (Pleurotus u.): on 1 Que [1385]. See *Acer*.

Hysterographium mori (C:114): on 1 NS [1032].

Hysteropatella minor (C:114): on 1 NS [1032].

Inonotus cuticularis (Polyporus c.) (C:115): on 1 Que [F71]. See *Acer*.

I. glomeratus (Polyporus g.) (C:115): white spongy rot, carie blanche spongieuse: on 1 Ont [1341], Que [1376, 1377], NS [1032].

I. obliquus (Poria o.): on 1 NB [1032]. Produces a sterile, clinker-like growth on trunks of live trees. See *Acer*.

Irpex lacteus (Polyporus tulipiferae) (C:115): on 1 Ont [1341], Que [1390], NB, NS [1032]; on 3 Ont [1341, 1660]. Typically fruiting on dead branches. See *Acer*.

Junghuhnia nitida (Poria attenuata, P. eupora): on 1 NS [1032, 1036]. See *Acer*.

Kavinia alboviride (Mycoacia a.): on 3 Ont [1827]. Typically on rotted logs and branches. Associated with a white rot.

Laeticorticium roseocarneum (Dendrocorticium r., Stereum r.) (C:115): on 1 NS [1032]; on 3 NS [930]. Lignicolous.

Lentaria micheneri: on dead trees of 1 Que [1385].

Lentinellus cochleatus: on 1 Que [1385], on stumps or roots in NS [1032].

L. ursinus: on 1 Que [1385]. See *Abies*.

Lenzites sp.: on 1 Que [1376]. Lignicolous.

L. betulina (C:114): on 1 Ont [1341], NB, NS [1032]. See *Acer*.

Libertella sp. (C:114): on 2, 3 Ont [1340].

L. faginea (C:114): on 1 Ont [337], NB [1032 misspelled as *L. faginata*]; on 3 Ont [1828, 1827].

Lopadostoma turgidum (C:114): on 1 Ont [F62]; on 3 Ont [1340].

Lophiotricha viridicoma: on 3 Ont [1340].

Lycoperdon pyriforme: on 1 NS [1036]. Probably saprophytic on well-rotted wood.

L. subincarnatum (C:114): on 1 NS [1032]. Probably saprophytic on well-rotted wood.

Marasmius rotula: on 1 PEI [1032]. Lignicolous, probably saprophytic.

Menispora glauco-nigra: on 3 Ont, Que [826].

M. tortuosa: on 3 Que [826].

Meruliopsis hirtellus: on 1 Ont [568]. Apparently saprophytic. See *Betula*.

Merulius tremellosus (C:114): on 1 Ont [1341], Que [568], NS [1032]; on 3 NB [1610]. Occasionally associated with decay in live trees. See *Abies*.

Microsphaera penicillata (C:114): powdery mildew, blanc: on 1 NS [1032, F65].

Mollisia cinerea (C:114): on 3 NS [1032].

Mycena capillaris: on dead leaves of 1 Ont [1385].

M. hemisphaerica (M. atroumbonata) (C:114): on 1 NS [1032].

M. leaiana: on 1 NB, NS [1032]. Typically on logs.

M. roseipallens: on debris of 1 Ont [1385].

M. tenuiceps: on trunks of 1 Que [1385].

Mycoacia fuscoatra (Odontia f.): on 1 NS [1032]. Lignicolous.

M. uda: on 1 Ont [1341]. Lignicolous.

Mycosphaerella punctiformis (C:114): on 1 Ont [F63], NS [1032]; on 1, 3 Ont [1340].

Myxosporium sp.: on 3 Ont [1340].

Nectria sp.: on 1 Que [1376, 1377], NB, NS [1032]; on 3 Nfld [1660].

N. cinnabarina (anamorph *Tubercularia vulgaris*): on 3 Ont [1340].

N. coccinea (C:114): on 1 NB, NS, PEI [1032].

N. coccinea var. *faginata* (C:114): beech canker, maladie corticale du hêtre: on 1 Que [F67, F71, F72, F73, F74, F75, F76], NB, NS, PEI [1032, F64, F65, F67, F69] also NB, NS [F61, F66] and NB [F68]; on 3 NB [1340].

N. episphaeria (C:114): on 1 Ont [F62]. Usually mycoparasitic.

N. galligena (C:114): canker, chancre nectrien: on 1 Que [F65, F66], NB, NS [1032].

Neobulgaria pura (Ascotremella turbinata) (C:113): on dead trunks of 1 Que [1385]; on 3 NS [569].

Odontia sp.: on 3 NS [1032]. Lignicolous.

Omphalina epichysium (Omphalia e.) (C:115): on 1 NS [1032].

Orbilia auricolor (O. inflatula) (C:115): on 1 NS [1032].

Oxyporus populinus (Fomes connatus): on 1 NS, PEI [1032]; on 3 Ont [1341]. See *Acer*.

Panellus serotinus (Pleurotus s.) (C:115): on 1 Que [1376], NB, NS [1032]. See *Acer*.

P. stipticus (Panus s.) (C:115): on 1 NB [1032, 1036], NS [1032]. See *Alnus*.

Panus conchatus (P. torulosus) (C:115): on 1 Que [1385], NS [1032]. Lignicolous.

P. rudis: on 1 NS [1032]. Lignicolous.

Paxillus involutus (C:115): on 1 NS [1032]. Mycorrhizal, probably fruiting on well-rotted wood.

Penicillium sp.: on 3 NB [1610].

Peniophora sp.: on 1 NB, PEI [1032].

P. cinerea (C:115): on 1 Ont [1341], NB [1032]. See *Abies*.

P. incarnata: on 1 NS [1032]. Lignicolous.

P. nuda: on 1 NS [1032]. Lignicolous.

Phanerochaete laevis (Peniophora affinis) (C:115): on 1 NS [1032]. Lignicolous.

P. flavido-alba (Peniophora f.): on 1 NS [1032]. Lignicolous.

P. sanguinea (Peniophora s.) (C:115): on 1 NS [1032]. See *Abies*.

P. sordida (Peniophora cremea) (C:115): on 1 NB [1032]. See *Abies*.

P. velutina (Peniophora v.) (C:115): on 1 NS [1032]. Lignicolous.

Phellinus ferreus (Poria f.): on 1 NS [1032]. See *Acer*.

P. ferruginosus (Poria f.) (C:115): on 1 Que [1376], NS [1032]. See *Abies*.

P. igniarius (Fomes i.) (C:114): white trunk rot, carie blanche du tronc: on 1 Que [1376, 1377, 1391], NB, NS [1032]; on 1, 3 Ont [1341].

P. laevigatus (Fomes igniarius var. *l., Poria l.)*: on 1 Que [1376, 1377], NS, PEI [1032]. See *Acer*.

P. pini (Fomes p.) (C:114): on 1 NS [1032]. Rare on angiosperms. See *Abies*.

P. viticola (Fomes v.): on 1 NS [1032]. See *Abies*.

Phialocephala bactrospora: on 1 NB [1032].

Phialophora sp.: on 3 NB [1610].

P. americana: on 3 NB [1610].

P. lagerbergii: on 3 NB [1610].

P. melinii: on 1 Ont, NB [279]; on 3 NB [1610].

Phlebia radiata (C:115): on 1 Que [568, 1341], NB [568, 1032], NS [1032]. See *Abies*.

Phleogena faginea: on 1 Que [1385]. Apparently saprophytic on dead wood.

Pholiota sp.: on 1 NS [1032]. Lignicolous.

P. adiposa: on 1 Que [1376]. Probably a specimen of *P. aurivella*.

P. aurivella (C:115): on 1 Que [949], NS [1032]. See *Abies*.

P. malicola: on 1 NB [1032]. Lignicolous.

P. squarrosoides (C:115): on 1 Que [1376], NS [1032]. Lignicolous.

Phyllactinia guttata (P. corylea): powdery mildew, blanc: on 1 Ont [1257], Que [1377].

Phyllotopsis nidulans (C:115): on 1 NS [1032]. Lignicolous.

Pleurothecium recurvatum: on 1 Ont [587].

Pleurotus sp.: on 1 Que [1376]. Lignicolous.

P. lignatilis (C:115): on 1 NS [1032]. Associated with a brown heart rot of mature trees. Now in *Ossicaulis*.

P. ostreatus (C:115): on 1 NS [1032]. Sometimes fruiting on wounds on live trees. See *Abies*.

P. sapidus: on 1 NB [1032]. Sometimes fruiting on wounds on live trees. See *Aesculus*.

P. strigosus (Panus s.): on 1 NS [1032]. See *Abies*.

Plicatura crispa (P. faginea, Trogia c.) (C:115): on 1 Ont [1341], NB, NS [1032, 1036]. Lignicolous, apparently saprophytic.

Pluteus leonius: on rotten wood of 1 Que [1385].
Polyporus sp.: on 1 NB [1036].
P. brumalis (C:115): on 1 NS [1032]. Typically fruiting on fallen branches and logs.
P. lentus (P. fagicola, P. squamosus var. *fagicola)*: on 1 Que [1385] on old trunks, NS [1032]. Often attached to buried logs or dead roots.
P. varius (P. elegans) (C:115): on 1 NS, PEI [1032]. Typically fruiting on fallen branches and logs. See *Abies*.
Poria sp.: on 1 NB, NS [1032].
P. amylohypha (P. elongata): on 1 NB [1036]. See *Betula*.
Propolis versicolor (P. faginea) (C:115): on 1 NS [1032].
Prosthemiella formosa (C:115): on 1 NS [1032].
Pseudospiropes simplex: on 1 Que [817].
Psilocybe silvatica: on 1 Ont, Que [1385]. Typically on rotted wood.
Pycnoporus cinnabarinus (Polyporus c.) (C:115): on 1 NB, NS [1032]; on 2 Ont [1341]. See *Acer*.
Quaternaria quaternata (C:115): on 1 Ont [F63]; on 3 Ont [1340].
Rosellinia conglobata var. *microtricha* (C:115): on 1 NS [1032].
Sarcoscypha coccinea (Plectania c.): on 3 Ont [1340]. Typically fruiting on wood buried under leaves.
Schizophyllum commune (C:115): on 1 BC [1012], Ont [1341], NB, NS [1032]. See *Abies*.
Scopuloides hydnoides (Odontia h.): on 1 NS [1032]. Associated with a white rot.
Solenia canadensis: on 1 NB [1032]; on 3 Ont [1827]. Lignicolous, probably saprophytic.
Spadicoides grovei: on decaying wood of 1 Que [793].
S. obovata: on decaying wood of 1 Que [792].
Stachylidium bicolor: on 1 NB [1032].
Steccherinum sp.: on 1 NB, NS [1032]. Lignicolous.
S. ochraceum (C:115): on 1 NS [1032]; on 3 Ont [1827]. Typically fruiting on logs and fallen branches. See *Acer*.
Stereum complicatum: on 1 Ont [1341]. Lignicolous.
S. hirsutum (C:115): on 1 Ont [1341], NS [1032]. See *Abies*.
S. ostrea (C:115). on 1 NB, NS [1032]. See *Abies*.
Streptomyces sp.: on wood chips of 3 NB [1610]. An Actinomycete.
Strickeria vilis (C:115): on 1 NS [1032].
Stromatoscypha fimbriata: on 1 NB, NS [1032]. Lignicolous, typically on rotten logs.
Tomentella sp.: on 1 Ont [1341].
T. cinerascens: on 1 Ont [1341].
T. subfusca (C:115): on 1 NS [1032].
T. sublilacina: on 1 Ont [1341, 1827, 1828].
Torula ligniperda: on 1 Que [1377].
Trametes sp.: on 1 Ont [1341]. Lignicolous.
T. cervina (Polyporus biformis N. Am. auct.*)*: on 1 Ont [1341], Que [1389]. See *Abies*.
Trechispora vaga (Corticium sulphureum): on 1 NS [1032]; on 3 NS [970]. See *Abies*.
Trematosphaeria melina: on 1 NB, NS [1032].
Tremella lutescens (C:115): on 3 NS [1032]. Lignicolous, probably saprophytic.
Trichaptum biformis (Polyporus pargamenus) (C:115): on 1 NB, NS, PEI [1032]. See *Acer*.
Trichocladium canadense (C:115): on 3 NB [1610].
Trichoderma viride: on 3 NB [1610]. See *Abies*.
Tubercularia sp.: on 1 NB [1032].
T. vulgaris (holomorph *Nectria cinnabarina*): on 1 Ont [1340].
Tyromyces caesius (Polyporus c.) (C:115): on 1 Ont [1341], NS [1032]. See *Abies*.
T. chioneus (Polyporus albellus) (C:115): on 1 NB, NS [1032]. See *Abies*.
Valsaria exasperans: on 1 Ont [1340].
Valsella sp.: on 3 Ont [1340].
Vararia investiens: on 1 Que [557]. See *Abies*.
Vesiculomyces citrinus (Gloeocystidiellum c.): on 1 NS [1032]. See *Abies*.
Volvariella bombycina: on 1 Que [1385]. Typically fruiting on wounds on live trees.
Xylaria castorea: on 1 Ont [1340], NS [1032].

FATSIA Decne. & Planch. ARALIACEAE

1. *F. japonica* (Thunb.) Decne. & Planch. (*Aralia sieboldii* Hort. ex K. Koch); imported from Japan. Evergreen shrub, grown indoors for bold foliage effect.

Verticillium albo-atrum: on 1 BC [1816].

FESTUCA L. GRAMINEAE

1. *F. altaica* Trin. (*F. scabrella* Torr.), rough fescue, fétuque scabre; native, Yukon-Mack, BC-Man.
2. *F. arundinacea* Schreb.; introduced, BC, Man-Que, NS.
3. *F. brachyphylla* Schultes; native, Yukon-Labr, BC, Man-Que, Nfld.
4. *F. idahoensis* Elmer; native, BC-Sask.
5. *F. occidentalis* Hook., western fescue; native, BC-Sask, Ont.
6. *F. ovina* L., sheep's fescue, fétuque ovine; native, Yukon-Frank, BC-Nfld.
7. *F. pratensis* Huds. *(F. elatior* L.), meadow fescue, fétuque élevée; imported from Eurasia, natzd., Yukon, BC-Alta, Man-Nfld.
8. *F. rubra* L., red fescue, fétuque rouge; native, Yukon-Labr, BC-Nfld. 8a. *F. r.* var. *commutata* Gaud.-Beaup.,

chewing fescue; native, Que-NS, Nfld. 8b. *F. r.* var. *rubra*; native, Yukon-Keew, BC-Nfld, Labr.

9. *F. saximontana* Rydb.; native, Yukon-Mack, BC-Que, Nfld, Labr.
10. *F. viridula* Vasey, green fescue; native, BC.
11. Host species not named, i.e., reported as *Festuca* sp.

Acremonium boreale: on 8 BC, Alta, Sask, Man, Ont [1707].

Bipolaris sorokiniana (holomorph *Cochliobolus sativus*) (C:116): root rot, piétin: on 2, 6, 7, 8 Alta [120] by inoculation.

Cercosporidium graminis (Passalora g.) (C:116): brown stripe, strie brune: on 8 Alta [119, 121, 123, 133], NB [333, 1195].

Claviceps purpurea (C:116): ergot, ergot: on 7 BC [1816], Alta [333]; on 8 NB [333, 1195].

Colletotrichum graminicola (C:116): anthracnose, anthracnose: on 8 Sask [336, 1185].

Dendryphion nanum: on 8 Alta [819].

Didymella festucae (anamorph *Phloeospora idahoensis*): on 1 Yukon, Mack, on 1, 4, 6, 8 Alta, Sask, on 7 Alta, all from [1714]; on 8, 9 Alta [1706]; on 8 BC [1706], Alta [133].

Dilophospora alopecuri (C:116): twist, torsion: on 7 NB [333, 1195].

Drechslera dictyoides (C:116): net blotch, tache reticulée: on 2 Sask [338]; on 7 BC [1816]; on 11 NB [333, 1195].

D. dictyoides f. sp. *perenne*: on 2 Ont, on 7 Alta, Man, Ont and on 11 Alta [1611].

Fusarium nivale (C:116): on 8 BC [1849], Sask [1705]. See *Agrotis*.

F. poae (C:116): on 8 BC [1816]; on 11 BC, NB [333].

Helminthosporium spp.: on 8 BC [1849].

Hendersonia culmicola (C:116): on 8 NB [333, 1195]. See comment under *Abies*.

Hysteropezizella lyngei: on 3 Frank [664].

Laetisaria fuciforme (Corticium f.): red thread disease: on 8 BC [1849], Alta, Sask [338]. Typically found on turf on soils of low fertility, especially low in nitrogen.

Phaeoseptoria festucae (C:116): on 8 NB [333, 1195].

Phloeospora idahoensis (holomorph *Didymella festucae*) (C:117): stem eye spot, tache ocellée: on 1, 4 BC, Alta, Sask [1703, 1704]; on 1, 2, 7, 8a, 8b Alta [1708]; on 8 Alta [119, 121, 123, 1595, 1715]; on 8b BC [1715], Alta [1653]; on 11 BC [1703].

Phyllachora sp.: on 8 BC [1012].

P. silvatica (C:117): tar spot, rayue goudronneuse: on 8 BC [1816].

Pseudoseptoria stomaticola (Selenophoma donacis var. *s.)* (C:117): on 3 Yukon [1731].

Puccinia coronata (C:117): crown rust, rouille couronnée: II III on 7 Ont [1236].

P. crandallii (C:117): leaf rust, rouille des feuilles: on 8 BC [1012]; on 11 Alta [644] "associated but not rusted".

P. graminis (C:117): stem rust, rouille de la tige: II III on 7 Ont [1236].

P. poae-nemoralis (C:117): rust, rouille: on 7 BC [1816].

Ramularia pusilla (Ovularia p.) (C:117): leaf spot, tache des feuilles: on 3 Yukon [1731]; on 8 Que [1729]; on 11 NB [333, 1195].

Sclerotinia borealis (C:117): snow mold, moisissure nivéale: on 7 BC [1816]; on 8 Sask [1705].

Spermospora subulata (C:117): on 8 NB [333, 1195].

Stagonospora simplicior: on 8 Que [282].

Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:116): from seed of 8 Ont [667].

Typhula sp. (C:117): snow mold, moisissure nivéale: on 8 Man [1367].

T. incarnata (T. itoana) (C:117): on 8 Sask [338].

FICUS L. MORACEAE

1. *F. carica* L., common fig, figuier; imported from Mediterranean region.
2. *F. elastica* Roxb. ex Hornem., rubber plant, caout chouc des jardins; imported from India and Malaysia. 2a. *F. elastica* cv. 'decora' (*F. decora* Hort.).

Armillaria mellea: root rot, pourridié-agaric: on 2 Alta [334].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:117): gray mold, moisissure grise: on 1 BC [1816].

Colletotrichum gloeosporioides (Gloeosporium cingulatum) (holomorph *Glomerella cingulata*) (C:117): anthracnose, anthracnose: on 2 Que [333].

Glomerella cingulata: anthracnose, anthracnose: on 2 BC [1816], Alta [337, 339], Ont [334], Que [334, 335]; on 2a BC, Alta [334], the plants originally from BC developed symptoms after arrival in Alta.

FILIPENDULA Mill. ROSACEAE

1. *F. rubra* (J. Hill) B.L. Robinson, queen-of-the-prairie; imported from e. USA, escaped from cultivation, Ont-Que, NS, Nfld.
2. *F. ulmaria* (L.) Maxim., queen-of-the-meadow; imported from Eurasia, escaped from cultivation, Ont-Nfld.

Sphaerotheca macularis (C:117): powdery mildew, blanc: on 1 Ont [1254]; on 1, 2 Ont [1257].

FORSYTHIA Vahl OLEACEAE

Deciduous shrub; e. Asia and se. Europe; cultivated, showy yellow flowers in Spring.

Phomopsis sp.: on *F.* sp. NS [338].

FRAGARIA L. ROSACEAE

1. *F.* x *ananassa* Duchesne (*F. chiloensis* var. *a.* Bailey). *F. chiloensis* x *F. virginiana*, cultivated strawberry, fraisier de jardin.
2. *F. chiloensis* Duchesne, beach strawberry; native, BC.
3. *F. virginiana* Duchesne, wild strawberry, fraisier des champs; native, Yukon-Mack, BC-Nfld, Labr.
4. Host species not named, i.e., reported as *Fragaria* sp.

Absidia sp.: on 1 NS [1027].
Acremoniella atra: on 4 NS [596].
Actinomucor sp.: on 1 in storage NS [980].
A. elegans (A. repens): on 4 NS [596].
Alternaria sp.: on 1 NS [980 in cold storage, 1027]; on 4 NS [596, 600].
Armillaria mellea (C:118): crown and root rot, pourridié-agaric: on 1 BC [335, 1816].
Arthrobotrys sp.: on 4 NS [596].
Aspergillus sp.: on 4 NS [596].
Botrytis sp.: on 1 NB [611].
B. cinerea (holomorph *Botryotinia fuckeliana*) (C:118): gray mold, moisissure grise: on 1 BC [337, 486, 488, 1594, 1816, 1817, 1818], Alta [259, 333, 336], Man [259], Ont [259, 333, 334], Que [111, 334, 389, 390], NB [333, 337], NS [594, 980, 1027, 1595], PEI [333, 335, 336], Nfld [336] and NB, NS [259, 334, 335, 336, 338, 1594]; on 4 Que [333], NS [592, 596, 600].
Calcarisporium arbuscula: on 4 NS [596].
Cephalosporium sp.: on 4 NS [596].
Chaetomium sp.: on 1 NS [1027]; on 4 NS [596].
C. anguipilium: on 4 NS [596]. Originally described from dung.
C. aureum: on 4 NS [596].
C. cochliodes: on 4 NS [596].
C. funicolum: on 4 NS [596].
C. globosum (C:118): on 4 NS [596].
C. ochraceum: on 4 NS [596].
Cladosporium sp.: on 4 NS [596].
Coniothyrium sp.: on 4 NS [596].
C. fuckelii: on 4 NS [596].
Cylindrocarpon sp.: on 1 NB [611], NS [980, 993 in storage]; on 4 NS [596].
C. destructans (C. radicicola): on 1 in cold storage NS [981]; on 4 Ont [22].
Diachea leucopodia (C:118): slime mold: on 1 BC [333, 334, 1816]. Probably saprophytic.
Diplocarpon earliana (C:118): leaf scorch, tache pourpre: on 1 BC [1816], Ont [395, 396], Que [334, 335, 338], NB [337, 338, 339, 1594], NS [336, 1027], PEI [336]; on 4 Ont, Que [159], NS [592].
Discohainesia oenotherae (Pezizella o.) (C:118): tan rot, pourriture bistre: on 4 NS [600].
Doratomyces nanus: on 4 NS [596].
Epicoccum purpurascens (E. nigrum): on 4 NS [596].
Fusarium sp. (C:118): on 1 NB [611], NS [980, 993, 981 in cold storage, 1027]; on 4 Ont [96], NS [596].
Gliocladium sp.: on 1 in cold storage NS [980].
G. roseum: on 1 NS [1027]; on 4 NS [608, 596].
Gliomastix sp.: on 4 NS [596].
G. murorum: on 4 NS [399].
Gloeosporium sp.: on 1 NB [611], NS [336, 980, 1027]; on 4 NS [596].
Gnomonia comari (G. fruticola) (anamorph *Zythia fragariae*) (C:118): leaf blotch or petiole blight, brûlure du pêtiole: on 1 BC [1816], NS [333, 334, 335, 336, 337, 338, 339, 1027, 1594]; on 4 Que [79], NS [79, 592, 596, 598, 600], PEI [598].
Gonatobotrys simplex: on 4 NS [596].
Graphium sp.: on 4 NS [596].
Harknessia sp.: on 1 NS [980 in cold storage, 1027]; on 4 NS [596].
Hormodendrum **sp.**: on 1 NS [1027].
Macrophomina phaseolina (M. phaseoli): on 4 NS [596].
Marssonina canadensis (C:118): on 3 BC [159, 160, 1012]; on 4 BC [1816].
Mucor sp.: on 4 NS [596].
Mycosphaerella fragariae (C:118): leaf spot, tache commune: on 1 Mack [334], BC [1816], Alta [334, 338], Sask [339], Ont [333, 335], Que [1594], NB, NS [333, 334, 335, 336, 338, 339, 1594], PEI, Nfld [333, 334, 335, 336], and NS [1027], Nfld [337]; on 3 NB [1032]; on 4 BC [1816], Alta [644], Ont, Que, NB [333], NS [592].
Myrothecium roridum: on 4 NS [596].
Penicillium sp.: on 1 NS [980, 1027]; on 4 NS [596, 600].
Pestalotropsis sydowiana (Pestalotia s.): on 4 NS [596].
Peyronellaea sp.: on 4 NS [596].
Peziza ostracoderma: on 1 NS [1027].
Phomopsis obscurans (Dendrophoma o.) (C:118): leaf blight, brûlure des feuilles: on 1 Ont [333], Que [334], NB, NS [335, 336] and NS [333, 334, 1027, 1594], PEI [336]; on 4 NS [592, 596].
Phyllosticta sp.: on 1 Que [334].
P. fragaricola (C:118): leaf spot, tache foliaire: on 1 Que [335].
Phytophthora fragariae (C:118): red stele, stèle rouge: on 1 BC [334, 337, 338, 339, 367, 368, 1594, 1816, 1817, 1818], Alta [333], NB [1594], NS [333, 334, 338, 339, 604, 1594, 1595], PEI [337, 1594]; on 2 BC [369]; on 4 BC [333]. The spread of red stele in NS during the late 1970s led to breeding programs which placed greater emphasis on field resistance.
Pyrenochaeta sp.: on 4 NS [596].

Ramularia tulasnei: on 4 BC [1012].

Rhizoctonia sp.: on 1 NB [334, 337, 611], NS [993].

R. solani (holomorph *Thanatephorus cucumeris*) (C:118): crown rot, rhizoctone commune: on 1 BC [337, 1816, 1853], Que [336]; on 4 Que [333].

Rhizophydium graminis: on 3 Ont [59].

Rhizopus sp.: on 1 NS [980, 1027]; on 4 Que [333].

R. nigricans: rhizopus rot, leak, moisissure chevelue: on 1 NB [336]; on 4 NS [596, 600].

R. stolonifer: on 1 BC [1816].

Septoria sp.: on 1 NS [1027].

S. aciculosa (C:118): septoria leaf spot, tache septorienne: on 1 Que [334], NS [334, 335, 336, 337]; on 4 NS [333].

Sordaria sp.: on 1 NS [1027].

S. fimicola: on 4 NS [596].

S. humana: on 4 Ont [1340].

Sphaerotheca macularis (S. humuli) (C:118): powdery mildew, blanc: on 1 BC [334, 339, 488, 489, 1594, 1816, 1817, 1818], Alta [338], Ont [334, 1257], Que [316, 320, 334, 337], NB [1594], NS, PEI [333, 334, 336, 338] and NS [335, 339, 603]; on 2 Ont [851]; on 4 BC [333, 365], Que [333].

Spicara sp.: on 4 NS [596].

Sporotrichum sp.: on 1 in cold storage NS [981].

Stachybotrys atra: on 4 NS [596].

Trichocladium asperum: on 4 NS [596].

T. opacum: on 4 NS [596].

Trichoderma sp.: on 1 in cold storage NS [980]; on 4 NS [596].

Truncatella angustata (Pestalotia truncata): on 4 NS [596].

Typhula sp.: on plants of 1 in storage NS [981, 982, 1594].

Ulocladium sp.: on 4 NS [596].

Varicosporium elodeae: on 4 NS [596].

Verticillium sp. (C:118): wilt, flétrissure verticillienne: on 1 Ont [97, 161, 162], NS [1027]; on 4 Ont [96].

V. albo-atrum: wilt, flétrissure verticillienne: on 1 BC [1816], Ont [98], Que [335], NB, NS [335, 336] and NS [333, 334]; on 4 BC [1852], Ont [38].

V. dahliae: wilt, flétrissure verticillienne: on 1 BC [333, 334, 335, 1816, 1978], Ont [337, 1296], Que [339, 676], NB [338], NS [337, 338, 339, 997, 1594]; on 2 Ont [1087]; on 4 BC, Ont, NB [38], NS [596, 608] and Ont [1295].

V. nigrescens: on 1 Que [392]; on 4 Que [38, 393].

Volutella sp.: on 4 NS [596].

Zygorhynchus sp.: on 4 NS [596].

Zythia fragariae (holomorph *Gnomonia comari*): on 4 NS [592].

FRAXINUS L. OLEACEAE

1. *F. americana* L., white ash, frêne blanc; native, Ont-PEI.
2. *F. excelsior* L., european ash, grand frêne; imported from Europe and Asia Minor.
3. *F. latifolia* Benth., Oregon ash, frêne de l'Orégon; imported from w. USA.
4. *F. nigra* Marsh., black ash, frêne noire; native, Man-Nfld.
5. *F. pennsylvanica* Marsh., red ash, frêne rouge; native, Alta-PEI. 5a. *F. p.* var. *subintegerrima* (Vahl) Fern., green ash, frêne vert; native, Sask-Que, planted, NS-PEI.
6. *F. velutina* Torr., velvet ash; imported from s. USA. 6a. *F. v.* var. *glabra* Reid, Arizona ash.
7. Host species not named, i.e., reported as *Fraxinus* sp.

Apiognomonia errabunda (anamorph *Discula umbrinella*): on 5a Sask [F66]. Typically on *Fagus*.

Armillaria mellea: root rot, pourridié-agaric: on 1 Ont [F63]; on 4 Que [F68]; on 7 Que [1377]. See *Abies*.

Basidiodendron deminuta: on 7 Ont [1016]. Lignicolous, probably saprophytic.

Bispora betulina: on 5 Man [1760].

Bjerkandera adusta (Polyporus a.): on 1 Ont [1341]. See *Abies*.

Brachysporium nigrum: on 7 Que [827].

Ceratocystis crassivaginata: on 4 Ont [1190].

C. pallidobrunnea: on 4 Man [1190].

C. spinulosa: on 4 Man [1190].

Cerrena unicolor (Daedalea u.): on 4 NB [1032]. See *Acer*.

Chalara breviclavata: on ?7 Que [1165].

Ciboria acericola: on ?7 Ont [662].

Cladosporium sp.: on 7 NB [1036].

C. acutum: on fallen leaves of 7 Ont [440].

C. macrocarpum: on 5a Man [1760].

Coriolus versicolor (Polyporus v.): on 1, 7 NB, NS [1032]; on 7 Ont [1341]. See *Abies*.

Corniculariella spina (Sphaerographium fraxini) (holomorph *Durandiella fraxini*) (C:120): on 1 Ont [1340, 1763], Que [1763] on dead branches; on 7 Ont [1828], NB [1032].

Cylindrosporium fraxini (holomorph *Mycosphaerella effigurata*): on 5a Man [F67].

Cylindrotrichum oligospermum: on 7 Man [1760].

Cystostereum murraii: on 7 NB [1032]. See *Acer*.

Cytospora sp.: on 1 Ont [1340]; on 3 BC [1012]; on 1, 7 NB [1032].

C. pruinosa (Cytophoma p., Dendrophoma p.) (holomorph *Valsa cypri*) (C:120): on 1, 4, 5, 7 Ont [1340]; on 1 NB [1032]; on 7 Ont [1827].

Daedaleopsis confragosa (Daedalea c.): on 1, 4 Ont [1341]. See *Acer*.

Dendrothele alliacea (Aleurocorticium a.): on 7 Ont, Que [965]. Lignicolous.

D. griseo-cana (Aleurocorticium g.): on 7 Ont [965]. Lignicolous.

D. microspora (Aleurocorticium m.): on 7 Ont [965]. Lignicolous.

Dendryphiopsis atra (holomorph *Microthelia incrustans*): on 5, 7 Man [1760].

Dermea tulasnei (C:120): on 1, 4 Ont [1340]; on 4 Que [F67].

Diatrype albopruinosa: on 7 Ont [1340].

D. stigma: on 7 Ont [1340].

Diplodia fraxini: on 5a Sask, Man [F67].

Discula umbrinella (D. quercina, Gloeosporium aridum, G. irregulare) (holomorph *Apiognomonia errubunda*) (C:120): anthracnose, anthracnose: on 1 Ont [F75, F76], Que [F61], NB, NS [1032, 1340, F61, F62, F63, F64, F66, F75] and NS [335, 339, F67, F76]; on 4 NB, NS [1032, F64] and NS [1340]; on 5 Que [338, F65], PEI [1032]; on 6a BC [1416]; on 7 NB, NS [337, 1032, F65] and NS [338, 1594].

Dothiorella fraxinicola: on 7 Ont [1340].

Durandiella fraxini (anamorph *Corniculariella spina*) (C:120): on 1 Ont [1340], Que [F70]; on 1, 5 NS [1032].

Eutypella stellulata: on 7 Ont [1340].

Fusarium oxysporum: on 1 Ont [F73].

Ganoderma applanatum (Fomes a.): white mottled rot, carie blanche madrée: on 1, 4 Ont [1341]; on 2 NS [1032]; on 7 Man [F67], Que [1377]. Sometimes causing decay in live trees.

Gloeoporus dichrous (Polyporus d.): on 4 Ont [1341]. See *Acer*.

Gloeosporium sp.: on 1 Ont [1340], NS [1032].

Gloiodon strigosus: on 4 Que [F73]. Associated with a white rot.

Haplographium delicatum (holomorph *Hyaloscypha dematiicola*): on 7 Sask, Man [1760].

Hericium coralloides (H. ramosum): on dead trunks of 7 Que [1385].

Heterobasidion annosum (Fomes a.): on 1 Ont [1419]. Usually associated with root rot of live trees. See *Abies*.

Hymenochaete corrugata: on 4 Ont [1341]. See *Abies*.

H. tabacina: on 4 Ont [1341]. See *Abies*.

Hypoxylon rubiginosum: on 4 Ont [1340].

H. vogesiacium (C:120): on 7 Ont [1340, F63].

Hypsizygus ulmarius (Pleurotus u.): on 1 Ont [1341]. See *Acer*.

Hysterographium fraxini (C:120): on 1 Ont [1340, F60, F65]; on 7 Sask, Man [F66].

Irpex lacteus (Polyporus tulipiferae): on 4 NB [1032]; on 7 Ont [1341]. See *Acer*.

Ischnoderma resinosum (Polyporus r.) (C:120): on 7 NB [1032]. See *Abies*.

Junghuhnia nitida (Poria eupora): on 7 Ont [1004]. See *Acer*.

Laeticorticium violaceum (Dendrocorticium v.): on 4, 7 Ont [930]. Lignicolous.

Laetiporus sulphureus (Polyporus s.): on 7 Ont [1341]. Often fruiting on wounds on live trees. See *Abies*.

Marssonina sp.: on 7 Que [F60].

Melanconium sp.: on 1 Ont [1340].

Merulius tremellosus: on old beaver-chewed stump of 4 Ont [568]. See *Abies*.

Mycosphaerella sp.: on 5a Man [F64]; on 7 Nfld [1661].

M. effigurata (anamorphs *Asteromella fraxini* and *Cylindrosporium fraxini*) (C:120): leaf spot, tache des feuilles: on 1, 7 NS [1032]; on 4, 7 NB [1032].

M. fraxinicola: on 1 Que [1377], as *M. fraxini*.

M. punctiformis: on 7 Ont [1340].

Panellus stipticus (Panus s.): on 1 NS [1032]. See *Alnus*.

Phellinus conchatus (Fomes c.) (C:120): white spongy rot, carie blanche spongieuse: on 4 Ont [1660], Que [1376, 1377]; on 4, 7 Ont [1341], NB [1032].

P. igniarius (Fomes i.) (C:120): white trunk rot, carie blanche du tronc: on 4 Ont [1341], NB [1032]; on 7 Que [1377].

Phialophora melinii: on 4 Ont [279].

Phoma infossa (C:120): on 1, 4, 5 Ont [F61].

Phyllactinia guttata (P. corylea) (C:120): powdery mildew, blanc: on 1, 4, 5, 7 Ont, on 4, 5 Que, on 5 Man [1257]; on 5a Sask, Man [F66, F67].

Phyllosticta sp.: on 5a Man [F60].

P. viridis: on 5a Sask, Man [F68]; on 7 Ont [1340].

Piggotia sp.: on 7 NS [1036]. Probably *Asteromella fraxini* (holomorph *Mycosphaerella effigurata*).

Pleurotus ostreatus: on 7 Que [1377]. Often fruiting on wounds on live trees. See *Abies*.

Polyporus badius (P. picipes): on 4 Ont [1341]. See *Abies*.

P. varius (P. elegans): on 4 Ont [1341]. Typically fruiting on fallen branches and logs. See *Abies*.

Poria fraxinea (Fomes f.) (C:120): on 4 Ont [1341]. See *Acer*.

P. fraxinophila (Fomes f.) (C:120): on 5 Ont [1827]. Associated with a white rot.

Pseudospiropes simplex: on 5, 7 Man [1760]; on 7 Man [817].

Puccinia sparganioides (P. peridermiospora) (C:120): rust, rouille: 0 I on 1, 7 Ont [1236]; on 1 Que [F74], NS, NB [1032, F62, F64, F65] and NS [335, 336, 338, 1594, F63, F66, F67, F68, F72, F73, F75]; on 1, 4 NS [F69, F70, F76]; on 4 NB [1032, F62], NS [1032]; on 5a Sask [2008], Man [2008, F64]; on 7 Que [1377], NB, NS, PEI [1032] and NS [334, 337, 339, F60, F61].

Rhabdospora sp.: on 5a Man [F67].

Scopuloides hydnoides (Phlebia h.): on 7 NS [1032]. See *Fagus*.

Selenosporella cymbiformis: on 7 Man [1760].

Septoria sp.: on 1 Ont [1828].

Spadicoides bina: on 5 Man [1760].

Sphaeropsis nubilosa: on 5a Sask, Man [F68].

Spongipellis malicolus (Polyporus spumeus var. *malicola)*: on 1 Que [F71]. Associated with a white rot.

Sporidesmium achromaticum: on 7 Man [1760].

Stictis radiata: on 4 Ont [1340].

Tomentella ruttneri: on 7 Ont [928, 1341].

Torula ligniperda: on 7 Que [1377].

Trametes cervina (Polyporus biformis N. Am. auct.*)*: on 4 Ont [1341]. See *Abies*.

Tubercularia sp.: on 7 NB [1032].

T. ulmea: on 5a Sask, Man [F68].

Valsa cypri (V. fraxinina) (C:120): on 4 NB [1032].

Valsaria sp.: on 7 NWT-Alta [1063].

Xylohypha lignicola: on 5 Man [1760].

FRITILLARIA L. LILIACEAE

1. *F. camschatcensis* (L.) Ker-Gawl, Kamchatka lily; native, Yukon, BC.
2. *F. lanceolata* Pursh, chocolate lily; native, BC.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:121): gray mold, moisissure grise: on 1 BC [1545, 1816].

Phyllosticta fritillariae (C:121): on 2 BC [1012].

Uromyces miurae (C:121): rust, rouille: on 1, 2 BC [1545, 1816]; on 2 BC [1012].

FUCHSIA L. ONAGRADACEAE

1. *F.* x *hybrida* Hort. ex Jilm; commonly cultivated hybrid fuchsias, probably derived from *F. fulgeus* and *F. magellanica*.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:121): gray mold, moisissure grise: on 1 Ont [163].

Poria sp.: on 7 BC [1012].

Pucciniastrum epilobii (C:121): rust, rouille: on 7 BC [1012, F73].

Verticillium albo-atrum (C:121): wilt, flétrissure verticillienne: on 7 BC [1816].

GAILLARDIA Foug. COMPOSITAE

Annual or perennial herbs, native, mostly in far w. North America.

Entyloma sp.: smut, charbon: on *G.* sp. BC [1816].

GALEOPSIS L. LABIATAE

1. *G. tetrahit* L., hemp nettle, ortie royale; imported from Eurasia, introduced, Mack, BC-Nfld, Labr.

Ophiobolus rubellus: on 1 Ont [1620].

Septoria galeopsidis (C:121): leaf spot, tache des feuilles: on 1 BC [1816].

GALIUM L. RUBIACEAE

1. *G. aparine* L., cleavers, gratteron; native, BC-NS, Nfld.
2. *G. asprellum* Michx., rough bedstraw, gaillet piquant; native, Ont-Nfld.
3. *G. boreale* L., northern bedstraw, gaillet boréal; native, Yukon-Mack, BC-NS. 3a. *G. b.* var. *boreale* (*G. septentrionale* R. & S.); Yukon-Mack, BC-NB.
4. *G. palustre* L., marsh bedstraw, gaillet des marais; native, Ont-Nfld.
5. *G. trifidum* L., dyer's cleavers, tissavoyane rouge; native, Yukon-Keew, BC-Nfld, Labr.
6. *G. triflorum* Michx., sweet-scented bedstraw, gaillet odorant; native, Yukon-Mack, BC-Nfld, Labr.

Cercosporidium galii: on 6 Ont [379].

Erysiphe cichoracearum (C:121): powdery mildew, blanc: on 1, 6 Ont [1257].

Hainesia borealis (C:121): on 3 Yukon [460], BC [1012]; on 3a BC [1816].

Ophiobolus galii: on 2 Ont [1620].

Puccinia difformis: rust, rouille: on 1 BC [1012]; on 3 NWT-Alta [1063]; on 6 Mack [53].

P. punctata (C:122): rust, rouille: 0 I II III on 2, 4, *G.* sp. Ont [1236]; on 5 NWT-Alta [1063].

P. punctata var. *troglodytes* (C:122): rust, rouille: II III on 6 BC [1012, 1816], Ont [1236].

P. rubefaciens (C:122): rust, rouille: III on 3 Yukon [460], Mack, Alta [53], Alta [644], Ont [1236, 1341]; on 3, 5, *G.* sp. NWT-Alta [1063]; on 3, 6 BC [1012]; on 3a, 6 BC [1816]; on 6 Mack [53]; on *G.* sp. Alta [53].

Pucciniastrum guttatum (C:122): rust, rouille: II III on 6 BC [1012, 1816, 2008], Ont [1236].

Sporonema punctiformis (Placosphaeria p.) (holomorph *Leptotrochila verrucosa*) (C:121): on 3 Alta [644, 951].

GAULTHERIA L. ERICACEAE

1. *G. hispidula* (L.) Muhl. (*Chiogenes h.* (L.) Torr. & Gray), creeping snowberry, gaulthérie hispide; native, BC-Nfld, Labr.
2. *G. ovatifolia* Gray, Oregon wintergreen; native, BC.
3. *G. procumbens* L., wintergreen, thé des bois; native, Man-Nfld.
4. *G. shallon* Pursh, salal, salal; native, BC.

Asterina gaultheriae (Asterella g.) (C:122): on 3 Ont [1827].

Bulgaria melastoma (C:122): on 4 BC [1012].

Chrysomyxa chiogenis: rust, rouille: II III on 1 BC [1012, 1816, 2008], Ont [1236, 1341], Que [1377, F66]. The alternate host is *Picea* spp.

Coccomyces dentatus: on leaves of 4 BC [832].
Coniothyrium sp.: on 4 BC [1012].
Dasyscyphus gaultheriae (Lachnella g.) (C:122): on 4 BC [1816].
Gibbera gaultheriae (Venturia g.) (C:122): on *G.* sp. BC, Ont [73], NS [73, on living and dead leaves].
Hypoderma gaultheriae: on 4 BC [832 on leaves, 1012 as *Lophodermium* sp.]. Apparently a secondary parasite following *Valdensinia*.
Meliola sp. (C:122): on 2, 4 BC [1012, 1816].
Mycosphaerella gaultheriae (C:122): on 3 Ont [1340].
Pestalopeziza brunneo-pruinosa: on 4 BC [1012, 1816].
Phacidium gaultheriae (C:122): on 4 BC [1816].
Phellinus ferreus (Poria f.) (C:122): on 4 BC [1012, 1816]. Lignicolous, associated with a white rot.
Phyllosticta gaultheriae (C:122): leaf spot, tache des feuilles: on 4 BC [1012, 1816].
Pucciniastrum goeppertianum: rust, rouille: on *G.* sp. Alta [F65]. Host plant probably misidentified. The rust occurs on *Vaccinium*.
P. pyrolae: rust, rouille: on *G.* sp. Mack [F66]. Host plant probably misidentified.
Valdensia heterodoxa (Asterobolus gaultheriae) (holomorph *Valdensinia h.*): on 4 BC [1426, 1438].
Valdensinia heterodoxa (anamorph *Valdensia h.*): on 4 BC [832, 1012, 1426, F76].
Varicosporium elodeae: on 4 BC [43].

GAYLUSSACIA HBK. ERICACEAE

1. *G. baccata* (Wang.) K. Koch, black huckleberry; native, Sask-Nfld.
2. *G. dumosa* (Andr.) Torr. & Gray, dwarf huckleberry; native, NB-Nfld.

Exobasidium vaccinii (C:122): on 1 NS [1036]; on *G.* sp. Que [1385].
Marasmiellus paludosus: on 2 NB [1433].

GAYOPHYTUM A. Juss. ONAGRACEAE

Slender annuals native to the temperate regions of w. North and South America.

1. *G. nuttallii* Torr. & Gray; native, BC.

Puccinia pulverulenta: rust, rouille: on 1 BC [1012, 1816].

GENTIANA L. GENTIANACEAE

1. *G. andrewsii* Griseb., closed gentian, gentiane close; native, Sask-Que.
2. *G. calycosa* Griseb., mountain bog gentian; native, BC-Alta.
3. *G. glauca* Pall.; native, Yukon-w. Mack, BC-sw. Alta.
4. *G. sceptrum* Griseb.; native, BC.

Phyllosticta sp.: on 4 BC [1012, 1816].
Puccinia gentianae (C:123): rust, rouille: 0 II III on 1 Ont [1236].
Synchytrium sp. (C:123): on 4 BC [1012, 1816].
Uredo alaskana (C:123): on 3 Yukon [460].
Venturia atriseda (C:123): on overwintered stalks of 2 BC [73].

GENTIANELLA Moench GENTIANACEAE

1. *G. amarella* (L.) Borner (*Gentiana a.* L.), felwort, gentiane amarelle; native, Yukon-Mack, BC-Nfld, Labr.

Puccinia haleniae (C:123): rust, rouille: III on 1 Ont [1236].

GEOCAULON Fern. SANTALACEAE

1. *G. lividum* (Richards.) Fern. (*Comandra livida* Richards.), northern comandra, comandre du nord; native, Yukon-Mack, n. Que-Labr, BC-NS, Nfld.

Cronartium comandrae (C:86): comandra blister rust, rouille-tumeur: II III on 1 Yukon, Mack, BC, Alta, Sask, Man, Ont, Que, NB [735], Yukon [460, F68], Mack, Alta [53], Mack, Sask, Ont [1399], BC [1012, 1816], Alta [F61, F69], Que [1236, 1341], NB [F74]; on *G.* sp. Alta [950, 951, 952].
Puccinia comandrae (C:87): rust, rouille: III on 1 NWT-Alta [1063], Mack, Alta [53], Ont [1236].

GERANIUM L. GERANIACEAE

1. *G. erianthum* DC.; native, Yukon, BC-Alta.
2. *G. maculatum* L., spotted cranesbill, géranium maculé; native, Ont-Que.
3. *G. palmatum* Cav. (*G. anemonifolium* L'Hér.); imported from Canary Islands.
4. *G. platypetalum* Fisch. & Mey.; imported from Asia Minor.
5. *G. pratense* L., meadow cranesbill, géranium des prés; imported from Eurasia. This species is grown mistakenly under *G. cinereus*, *G. endressii*, *G. grandiflora*, *G. platypetalum*, *G. sessiflorium* and *G. sylvaticum*.
6. *G. richardsonii* Fisch. & Trautv. (*G. albiflorum* Hook.), white geranium, géranium de Richardson; native, Yukon-Mack, BC-Sask.
7. *G. robertianum* L., herb Robert, géranium à Robert; native, BC, Ont-Nfld.
8. *G. sylvaticum* L., wood cranesbill, géranium des bois; imported from Eurasia.
9. *G. viscosissimum* Fisch. & Mey.; native, BC-s. Sask.
10. Host species not named, i.e., reported as *Geranium* sp.

Coleroa circinans (Venturia c.) (C:123): on living leaves of 10 BC [73].

C. robertiani (Stigmatea r.) (C:123): on 7 Ont [1340], Ont, Que, NS [73, 304], Que [305].

Erysiphe cichoracearum: powdery mildew, blanc: on 2 Ont [1257].

Puccinia sp.: rust, rouille: on 10 Ont [1341].

P. polygoni-amphibii (C:123): rust, rouille: 0 I on 2 Ont [1236].

Sphaerotheca macularis (C:123): powdery mildew, blanc: on 2 Ont [1257]; on 9 BC [1254].

Uromyces geranii (C:123): rust, rouille: 0 I II III on 1 BC [1012, 1816]; on 3, 4, 5, 6, 8, 10 Ont [1236].

Verticillium dahliae: on 10 BC [38].

GERARDIA L. SCROPHULARIACEAE

1. *G. flava* L. (*G. quercifolia* Pursh); native, s. Ont.

Cercospora gerardiae: on leaves of 1 Ont [439].

GEUM L. ROSACEAE

1. *G. aleppicum* Jacq., yellow avens, benoîte jaune; native, Yukon-Mack, BC-Nfld. 1a. *G. a.* var. *strictum* (Ait.) Fern.; native, BC-Que.
2. *G. calthifolium* Sm.; native, BC.
3. *G. canadense* Jacq., white avens, benoîte blanche; native, Ont-NS.
4. *G. macrophyllum* Willd., large-leaved avens, benoîte à grandes feuilles; native, Yukon, BC-Nfld.
5. *G. quellyon* Sweet (*G. chilense* Lindl.); imported from Chile.

Mycosphaerella caulicola (C:123): on 3 Que [70].

Peronospora potentillae: downy mildew, mildiou: on 5 BC [1816].

Puccinia urbanis: rust, rouille: on 2 BC [1564].

Sphaerotheca macularis (C:123): powdery mildew, blanc: on 1a Ont [1257], Que [1254]; on 3 Ont [1254, 1257]; on 4 BC [1254].

GLADIOLUS L. IRIDACEAE

1. *G.* x *hortulanus* L.H. Bailey, gladiolus, glaieul; an inclusive group for the prevailing cultivated kinds of gladiolus to which no recognized botanical specific name will now apply.
2. Host species not named, i.e., reported as *Gladiolus* sp.

Botryotinia draytoni (anamorph *Botrytis gladiolorum*) (C:124): core rot, pourriture botrytique: on 1 BC [1816], Alta [338], Que, NS [337]; on 2 NS [335].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:124): gray mold, moisissure grise: on 1 BC [1816 in greenhouse], Alta, NS [337]; on 2 NS [335, 336].

Curvularia trifolii f. sp. *gladioli* (C:124): leaf spot and corm rot, curvulariose: on 1 Ont [337, 338], NS [338]; on 2 Ont, Que [1807].

Fusarium sp.: on 1 Sask [1594]; on 2 PEI [333].

F. oxysporum f. sp. *gladioli (F. orthoceras* var. *g.)* (C:124): yellows and corm rot, jaunisse fusarienne: on 1 BC [1816], Alta, Ont, Que, NS [337], Ont [338, 339]; on 2 Man [334], Que [333, 336], NS [335, 336].

Papulaspora sepedonioides: on 1 BC [1937].

Penicillium sp.: on 1 BC [1816].

Phyllosticta gladioli: on 1 Que [339].

Septoria gladioli (C:124): corm hard rot and leaf spot, septoriose: on 1 BC [1816].

Stromatinia gladioli (anamorph *Sclerotium g.*) (C:124): corm dry rot, and leaf and stalk rot, pourriture sclérotique: on 1 BC [1816], Que [338], NS [337, 338]; on 2 Ont, NS [333, 334, 336], Que [336], NS [335].

GLEDITSIA L. LEGUMINOSAE

1. *G. triacanthos* L., honey locust, févier epineux; native, Ont.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*): gray mold, moisissure grise: on 1 in nurseries BC [F76].

Camarosporium robiniae (C:124): on 1 Ont [F63, F68, F69]; on 1, *G.* sp. Ont [1340].

Lachnum sp. (C:124): on *G.* sp. BC [1012].

Microsphaera penicillata (C:125): powdery mildew, blanc: on 1 Ont [1257].

Phomopsis sp.: on 1 NS [1032].

Polyporus badius (P. picipes) (C:125): on *G.* sp. BC [1012]. See *Abies*.

GLEHNIA F. Schmidt UMBELLIFERAE

Low, somewhat fleshy Maritime herbs of the Pacific shores of North America and e. Asia.

1. *G. littoralis* Schmidt; native, BC. The North American form is referable to *G. littoralis* ssp. *leiocarpa* (Mathias) Hult.

Ramularia glehniae: on 1 BC [1551].

GLOXINIA L'Hérit. GESNERIACEAE

From tropical America, often cultivated, in greenhouses, ornamental flower.

Chalara elegans: on *G.* sp. Ont [1165], on tubers from Belgium. This name was proposed for the phialoconidial morph of *Thielaviopsis basicola*.

GLYCERIA R. Br. GRAMINEAE

1. *G. borealis* (Nash) Batch., small floating manna-grass, glycérie boréal; native, Yukon, BC-Sask, Ont-Nfld, Labr.
2. *G. canadensis* (Michx.) Trin., rattlesnake-grass, glycérie du Canada; native, Sask, Ont-Nfld.
3. *G. grandis* Wats., reed-meadow grass, glycérie géante; native, Yukon-Mack, BC-Nfld.
4. *G. striata* (Lam.) Hitchc., (*G. nervata* (Willd.) Trin.), fowl-meadow grass, glycérie striée; native, Yukon-Mack, BC-Nfld, Labr.

Claviceps sp.: on 1 Alta [1781].

C. purpurea (C:125): ergot, ergot: on 2 Ont [1729].

Epichloë typhina (C:125): choke, quenouille: on 4, *G.* sp. Ont [889].

Passalora graminis (C:125): brown stripe, strie brune: on 3 NB [333, 1195].

Stagonospora avenae (Septoria a.) (holomorph *Phaeosphaeria avenaria*) (C:125): leaf spot, tache septorienne: on 2 Ont [1729]; on 2, 4 NB [333, 1195].

S. glycericola (C:125): on 3 Ont [1729].

Ustilago longissima (C:125): smut, charbon: on 3 NB [333, 1195].

GLYCINE L. LEGUMINOSAE

1. *G. falcata* Benth.; imported from Australia.
2. *G. max* (L.) Merill, soybean, fève soja; imported from se. Asia.

Ascochyta sp. (C:125): leaf spot, tache des feuilles: on 2 BC [1816].

Candida sp.: on 2 in greenhouse Ont [1496].

Cephalosporium sp.: on 2 in greenhouse Ont [1496]

Cercospora sojina (C:125): frog-eye spot, tache ocellée: on 2 Ont [113] inoculated.

Chaetomium sp.: on 2 in greenhouse Ont [1496].

Cladosporium sp.: on 2 in greenhouse Ont [1496]

Colletotrichum truncatum (C. glycines) (C:125): anthracnose, anthracnose: on 2 Ont [337].

Corynespora cassiicola (C:125): on 2 Ont [336, 337, 1592, 1596, 1599].

Cylindrocarpon sp.: on 2 Ont [1308, 1496].

Dendryphion nanum: on 2 Ont [819].

Diaporthe phaseolorum (C:125): on 2 Ont [333, 1597, 1899, 1901, 1909].

D. phaseolorum var. *caulivora* (C:125): stem canker, chancre de la tige: on 2 Ont [336, 337].

D. phaseolorum var. *sojae* (C:125): pod and stem blight, brûlure phomopsienne: on 2 Ont [336, 337, 1592].

Doratomyces stemonitis: on 2 Ont [1148, 1760].

Fusarium sp. (C:125): on 2 BC [1816], Ont [1308, 1496].

F. poae (C:125): on 2 Ont [169].

Gliocladium sp.: on 2 in greenhouse Ont [1496].

Helminthosporium sp.: on 2 in greenhouse Ont [1308].

Microsphaera diffusa: powdery mildew, blanc: on 1, 2 Ont [1257]; on 2 Ont [104].

Mucor sp.: on 2 in greenhouse Ont [1496]

Penicillium sp.: on 2 in greenhouse Ont [1308, 1496]

Periconia sp.: on 2 in greenhouse Ont [1308]

Peronospora manshurica (C:126): downy mildew, mildiou: on 2 BC [1816], Ont [104, 337].

Petriella sordida: on 2 Man [85].

Phialophora gregata (Cephalosporium g.) (C:125): brown stem rot, pourriture brune de la tige: on 2 Ont [337, 338, 339].

Phoma sp.: on 2 in greenhouse Ont [1308, 1496].

Phyllosticta glycinea (C:126): leaf spot, tache foliaire: on 2 BC [1816].

Phytophthora megasperma var. *sojae* (C:126): root and stalk rot, mildiou du pied: on 2 Ont [8, 206, 333, 334, 337, 339, 404, 955, 1847].

Pullularia sp.: on 2 in greenhouse Ont [1308].

Pythium sp.: on 2 in greenhouse Ont [1308].

P. ultimum (C:126): stem and root rot, pourriture pythienne: on 2 Ont [725].

Rhizoctonia sp.: on 2 in greenhouse Ont [1496].

R. solani (holomorph *Thanatephorus cucumeris*) (C:126): damping off, fonte des semis: on 2 Ont [243, 335, 338].

Rhizopus sp.: on 2 in greenhouse Ont [1308, 1496].

Sclerotinia sclerotiorum (C:126): stem rot, pourridié sclérotique: on 2 Ont [338].

Septoria glycines (C:126): brown spot, tache brune: on 2 Ont [104, 113, 337, 338, 339].

Trichoderma sp.: on 2 in greenhouse Ont [1496].

GNAPHALIUM L. COMPOSITAE

1. *G. viscosum* HBK. (*G. macounii* Greene), poverty weed, gnaphale visqueuse; native, BC, Ont-PEI.

Puccinia investita (C:126): rust, rouille: 0 I III on 1 Ont [1236].

GOODYERA R. Br. ORCHIDACEAE

1. *G. oblongifolia* Raf., giant rattlesnake plantain, goodyérie à feuilles oblongues; native, BC-NS.

Uredo goodyerae (C:126): rust, rouille: on 1 BC [1012, 1816].

GRINDELIA Willd. COMPOSITAE

1. *G. integrifolia* DC.; native, BC.
2. *G. stricta* DC. (*G. integrifolia* var. *macrophylla* (Greene) Cronq.); native, BC.

Coleosporium asterum (C:127): rust, rouille: II III on 1 BC [1816, 2007]; on 2 BC [1012].

GYMNOCARPIUM Newm. POLYPODIACEAE

1. *G. dryopteris* (L.) Newm. (*Dryopteris disjuncta* (Rupr.) Morton, *Thelypteris drygpteris* Slosson), oak fern, dryoptéride disjointe; native, Yukon-Mack, BC-NS, Nfld.

Hyalopsora aspidiotus (C:104): rust, rouille: II III on 1 BC [1012, 1816, 2008], Ont [1236, 2008], Que [282, 1341, 1377, 2008, F61], NS [2008].
Uredinopsis phegopteridis (C:104): rust, rouille: II III on 1 BC [1012, 1816, 2007 by inoculation, 2008], Alta [2008], Ont [1236], Que [1377].

HABENARIA Willd. ORCHIDACEAE

1. *H. dilatata* (Pursh) Hook., bog-candle, habénaire dilatée; native, Yukon-Mack, BC-Nfld, Labr.
2. *H. hyperborea* (L.) R. Br., northern green orchis, habénaire hyperboréale; native, Yukon-Mack, BC-Nfld, Labr.

Puccinia praegracilis (C:127): rust, rouille: on 1, 2 BC [1012, 1816].
P. praegracilis var. *connersii* (C:127): rust, rouille: 0 I on 1 Que [1236].

HACKELIA Opiz BORAGINACEAE

1. *H. virginiana* (L.) Johnston (*Echinospermum v.* (L.) Lehm.), beggar's lice, hackélia de Virginie; native, Ont-Que.

Erysiphe cichoracearum: powdery mildew, blanc: on 1 Ont, Que [1257].
Ophiobolus rubellus: on 1 Ont [1620].

HALENIA Borkh. GENTIANACEAE

1. *H. deflexa* (Sm.) Griseb., spurred gentian, halénie défléchie; native, BC-NS, Nfld, Labr. 1a. *H. d.* var. *brentoniana* (Griseb.) Gray; native, Que, NS, Nfld, Labr.

Puccinia haleniae: rust, rouille: III on 1 Ont [1236]; on 1a Nfld [1341].

HAMAMELIS L. HAMAMELIDACEAE

1. *H. virginiana* L., witch-hazel, café du diable; native, Ont-NS.

Dermea hamamelidis (Dermatea h.) (C:128): on 1 Ont [654].
Gonatobotryum apiculatum: on 1 Ont, Que, NB, NS [879], NB [1032].
Massaria lantanae: on *H.* sp. Ont [80].
Pezicula hamamelidis (C:128): on 1 Ont [1340, F63].
Phyllosticta hamamelidis: on 1 Ont [1340].
Podosphaera biuncinata: powdery mildew, blanc: on 1 Ont [1257].
Seimatosporium consocium (Cryptostictis c.): on 1 Ont [1751].

HEBE Comm. SCROPHULARIACEAE

1. *H. cupressoides* (Hook. f.) Cockayne & Allen; imported from New Zealand.

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*): on 1 BC [1816].
Thanatephorus cucumeris (Pellicularia filamentosa) (anamorph *Rhizoctonia solani*): on 1 BC [334].

HEDEOMA Pers. LABIATAE

Annual or perennial herbs of North and South America.

1. *H. hispida* Pursh; native, Alta-Que.

Erysiphe cichoracearum: powdery mildew, blanc: on 1 Ont [1257].

HEDERA L. ARALIACEAE

1. *H. colchica* K. Koch, Colchis ivy, lierre de Perse; native from Caucasus to n. Iran.
2. *H. helix* L., english ivy, lierre d'Angleterre; imported from Europe, w. Asia and n. Africa.

Colletotrichum trichellum (Amerosporium t.) (C:128): leaf spot, anthracnose: on 2 BC [1816].
Phyllosticta concentrica (holomorph *Guignardia philoprina*): on 2 BC [1816].
Ramularia hedericola: on 1 BC [335, 1816].

HEDYSARUM L. LEGUMINOSAE

1. *H. alpinum* L., alpine hedysarum, sainfoin alpin; native, Yukon-n. Que, BC-NB, Nfld. 1a. *H. a.* var. *americanum* Michx.; native, range of species.
2. *H. boreale* Nutt.; native, Yukon-n. Que, BC-Que. 2a. *H. b.* var. *mackenzii* (Richards.) Hitchc. f. *mackenzii* (*H. mackenzii* Richards.); native, Yukon-Keew, BC-Man.
3. *H. coronarium* L., sulla sweet-vetch, sainfoin d'Espagne; imported from Europe.
4. *H. sulphurescens* Rydb.; native, BC-Alta.

Diachora onobrychidis (anamorph *Diachorella o.*): on 1 Alta [644].

Diachorella onobrychidis f. *onobrychidis* (*Placosphaeria o.*) (holomorph *Diachora o.*) (C:128): on 3 Sask [1753].

Placosphaeria sp.: on 1 Alta [644]. Specimens are probably *Diachorella onobrychidis*.

Uromyces hedysari-obscuri (C:128): rust, rouille: 0 I III on 1 Mack [53], Alta [951, 1839], Que [1236]; on 1, 1a Yukon [460]; on 1a Yukon [7]; on 1, 2a, 4, *H.* sp. NWT-Alta [1063]; on 1, 4 BC [1012]; on 1, 4, *H.* sp. Alta [644]; on 1a Que [282]; on 1a, 2a Ont [1236]; on 2a, 4 BC [644]; on 4 BC [953].

HELENIUM L. COMPOSITAE

1. *H. autumnale* L., sneezeweed, hélénie automnale; native, Mack, BC-Que.

Erysiphe cichoracearum: powdery mildew, blanc: on 1 Ont [1257].

HELIANTHUS L. COMPOSITAE

1. *H. annuus* L., common sunflower, tournesol; native, BC-Man, introduced, Mack, Ont-PEI.
2. *H. debilis* Nutt.; imported from Florida. 2a. *H. d.* var. *cucumerifolius* (Torr. & Gray) Heiser, cucumber-leaved sunflower, soleil miniature; imported from Texas.
3. *H. decapetalus* L., ten-rayed sunflower, hélianthe à dix rayons; native, Ont-NB.
4. *H. divaricatus* L., divaricate sunflower, hélianthe divariqué; native, Ont-Que.
5. *H. giganteus* L., gigantic sunflower, soleil géant; native, Ont-NS.
6. *H. kellermanii* Britt.; imported from e. USA.
7. *H. laetiflorus* Pers., beautiful sunflower, hélianthe à belles fleurs; native, Yukon, BC-Ont, introduced, Que-PEI. 7a. *H. l.* var. *laetiflorus*; introduced, BC, Ont-Que, Nfld. 7b. *H. l.* var. *rigidus* (Cass.) Fern.; native, BC-Man, introduced, Ont-Que, PEI. 7c. *H. l.* var. *subrhomboideus* (Rydb.) Fern., rhombic-leaved sunflower, hélianthe subrhomboidal; native, Yukon, Alta-Man, introduced, Ont-NB.
8. *H. maximiliani* Schrab., Maximilian's sunflower, hélianthe de Maximilien; native, BC-Ont, introduced, Que, PEI.
9. *H. mollis* Lam., ashy sunflower; imported from e. USA.
10. *H. nuttalli* Torr. & Gray; native, BC-NS, Nfld. 10a. *H. n.* ssp. *canadensis* Long; native, BC-NS, Nfld. 10b. *H. n.* ssp. *nuttalli*; native, Alta-Sask.
11. *H. petiolaris* Nutt.; native, Alta-Man, introduced, BC, Ont.
12. *H. strumosus* L. (*H. montanus* Wats.), strumose sunflower; native, Ont-NB.
13. *H. tuberosus* L., Jerusalem artichoke, topinambour; imported from s. USA and tropical America, a garden escape, Sask-PEI.
14. Host species not named, i.e., reported as *Helianthus* sp.

Alternaria sp.: on seedlings of 1 in greenhouse Man [1509].

A. alternata (*A. tenuis* auct.) (C:129): on 1 Sask [1139], Man [1760, 1509, from greenhouse grown seedlings].

Aspergillus sp.: on seedlings of 1 in greenhouse Man [1509].

Bipolaris sorokiniana (*Helminthosporium sativum*) (holomorph *Cochliobolus sativus*): on 1 Sask [1139].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:129): gray mold, moisissure grise: on 1 Alta [1505], Man [748, 750, 1505, 1509], Ont [1505], Que [338], NS [335].

Cephalothecium sp.: on seedlings of 1 in greenhouse Man [1509].

Cladosporium sp.: on seedlings of 1 in greenhouse Man [1509].

C. macrocarpum: on 1 Man [1760].

Erysiphe cichoracearum (C:129): powdery mildew, blanc: on 1 Man, NB [333]; on 1, 3, 7, 12, 13, 14 Ont, on 1, 13 Man, on 7, 13, 14 Que [1257]; on 3 BC [1816]; on 8 Man [333]; on 14 NB [1194].

E. communis: on 3 BC [335]. Possibly a specimen of *E. cichoracearum*.

Fusarium sp. (C:129): on 1 Sask [1139 from leaf spots and root rot, 1136].

Itersonilia sp.: on 1 Man [1727].

Mucor spinosus: on 1 Sask [1139].

Oidium sp.: powdery mildew, blanc: on 13 BC [1816].

Ophiobolus rubellus: on 1, 14 Ont [1620].

Papulaspora sepedonioides: on 13 Ont [1937].

Penicillium sp.: on seedlings of 1 in greenhouse Man [1509].

Plasmopara halstedii (C:129): downy mildew, mildiou: on 1 Alta [337], Sask [1136], Man [335, 337, 339, 748, 750, 752, 753, 754, 1420, 1509], Que [277, 278, 335, 337, 588].

Puccinia helianthi (C:129): rust, rouille: 0 I II III on 1 BC [1506], Alta, Sask, Man [337, 1258, 1506], Sask [1136], Man [333, 335, 338, 339, 748, 750, 752, 753, 754, 1420, 1509, 1595, 1838], Ont [337], Que [840, 841 inoculation]; on 1, 3, 5, 7b, 8, 12, 13 Ont [1236, 1258]; on 1 Que, on 5 Ont, Man, on 10b BC, on 11 Alta [1258]; on 2a, 3, 6, 7a, 7b, 7c, 8, 10a, 13 Ont, on 9, 10b, 12 BC, Sask [1241]; on 4 Ont, on 5, 7, 8, 10a, 11 Sask, on 10a Alta [1241, 1258]; on 8 Man [335, 1241, 1258]; on 14 Man [1503], Ont [1236].

Rhizoctonia sp.: on 1 Sask [1136, 1139].

Rhizopus sp.: on 1 Sask [337, 1136, 1139], Man [750, 754, 1509].

R. arrhizus: on 1 Sask [1139].

R. stolonifer: on 1 Man [1509].

Sclerotinia sp.: on 1 Sask [420, 1138], Man [1138].

S. minor: on 1 Ont [337, 892].

S. sclerotiorum (C:129): sclerotinia rot, flétrissure sclérotique: on 1 BC [1816], Alta [333, 336, 339, 1505, 1594], Sask [336, 337, 892, 1136, 1139], Man [333, 335, 336, 337, 748, 750, 752, 753, 754, 774, 775, 776, 777, 1505, 1509, 1595], Ont [337, 1505], NB [1594]; on 13 BC [1816]. In 1977 *Coniothyrium minitans* was used to control the rot and the result was an increased in yield of 24% in naturally infested fields in Man.

Septoria helianthi (C:129): leaf spot, tache septorienne: on 1 Man [335, 336, 337, 748, 752, 753, 754, 1595].

Stemphylium sp.: on seedlings of 1 in greenhouse Man [1509].

Uromyces silphii: rust, rouille: 0 I on 14 Ont [1236].

Verticillium albo-atrum (C129): leaf mottle, marbrure verticillienne: on 1 Man [38, 333, 334, 335, 336, 337, 338, 752, 753, 754, 1420, 1509], Que [38].

V. dahliae: on 1 BC [336, 1816, 1978], Man [339, 748, 750, 1595], Que [38, 392, 393].

V. tenerum (V. lateritium) (holomorph *Nectria inventa*): on 1 Sask [1760].

HELIOPSIS Pers. COMPOSITAE

1. *H. helianthoides* (L.) Sweet (*H. laevis* Pers.), ox-eye; native, s. Ont.

Septoria heliopsidis: on leaves of 1 Ont [440].

HELLEBORUS L. RANUNCULACEAE

1. *H. niger* L., christmas rose, hellébore noire; imported from Europe.

Coniothyrium hellebori (C:130): black leaf spot, tache noire: on 1 BC [1012, 1816].

HEPATICA Mill. RANUNCULACEAE

1. *H. acutiloba* DC., sharp-lobed liverleaf, hépatique acutilobée; native, Ont-Que.

Tranzschelia pruni-spinosae (C:130): rust, rouille: 0 I on 1 Ont [1236].

HERACLEUM L. UMBELLIFERAE

1. *H. lanatum* Michx. (*H. maximum* Bartr.), cow parsnip, berce très grande; native, Yukon-Mack, BC-Nfld, Labr.

Anaphysmene heraclei (Septoria h.): on *H.* sp. Alta [644].

Cladosporium macrocarpum: on *H.* sp. Sask [1760].

Epicoccum purpurascens: on *H.* sp. Sask [1760].

Leptosphaeria doliolum (C:130): on 1 Que [70].

Nodulosphaeria modesta: on 1 Que [70].

Ophiobolus rubellus (C:130): on 1 Que [70, 1620].

Phyllosticta heraclei: on leaves of 1 Ont [440]. Probably a species of *Asteromella*.

Plagiosphaera umbelliferarum (Linocarpon u.) (C:130): on 1 Que [70].

Pleospora helvetica (C:130): on 1 Que [70].

Ramularia heraclei (Cylindrosporium h.) (C:130): on 1 BC, Sask, Ont, Que [1551], a distinct fungus from later homonym *Cylindrosporium h.* Ell. & Ev.

HEUCHERA L. SAXIFRAGACEAE

1. *H. chlorantha* Piper; native, BC.
2. *H. cylindrica* Dougl.; native, BC-Alta. 2a. *H. c.* var. *cylindrica*; native, BC-Alta. 2b. *H. c.* var. *glabella* (Torr. & Gray.) Wheelock (*H. c.* var. *orbicularis* (R., B. & L.) Calder & Savile, *H. c.* var. *septentrionalis* R., B. & L.); native, BC-Alta.
3. *H. glabra* Willd.; native, BC.
4. *H. micrantha* Dougl.; native, BC.
5. *H. richardsonii* R. Br.; native, Mack, BC-Ont.

Puccinia heucherae (C:131): rust, rouille: on 3 BC [1012, 1816]; on *H.* sp. Man [338].

P. heucherae var. *heucherae* (C:131): rust, rouille: on 1, 2a, 2b, 3, 4 BC [1560].

P. saxifragae (P. heucherae var. *s.)* (C:131): rust, rouille: III on 2 Alta [644]; on 5 Ont [1236].

P. saxifragae var. *heucherarum*: rust, rouille: on 5 BC, Man, Ont [1560].

P. saxifragae var. *holochloae*: rust, rouille: on 2, 2a, 2b BC, on 2b Alta [1560].

HIBISCUS L. MALVACEAE

1. *H. trionum* L. flower-of-an-hour; Eurasian, locally introduced, in cultivation and waste ground, Sask-NS.

Verticillium dahliae (C:131): wilt, flétrissure verticillienne: on 1 Ont [1087].

HIERACEUM L. COMPOSITAE

1. *H. albiflorum* Hook.; native, Mack, BC-Sask.
2. *H. aurantiacum* L., devil's paint-brush, épervière orangée; imported from Europe, natzd., BC-Alta, Man-Nfld.
3. *H. canadense* Michx., Canada hawkweed, épervière du Canada; native, BC-Sask, Ont-Nfld, Labr.

4. *H. pratense* Tausch, field hawkweed, épervière des prés; imported from Europe, natzd., BC, Ont-Nfld.
5. *H. scabrum* Michx., rough hawkweed, épervière scabre; native, Ont-PEI.
6. *H. scouleri* Hook.; native, BC.
7. *H. umbellatum* L., narrow-leaved hawkweed, accipitrine; native, BC-Ont.

Aecidium columbiense (C:131): rust, rouille: on 1 BC [1012, 1816].
Erysiphe cichoracearum (C:132): powdery mildew, blanc: on 2, 3 Ont [1257].
Leptosphaeria doliolum (C:132): on 4 Que [70].
Mycosphaerella caulicola (C:132): on 4 Que [70].
Nectria pedicularis (C:132): on 4 Que [70].
Nodulosphaeria aquilana (C:132): on 4 Que [70].
Pleospora ambigua (C:132): on 4 Que [70].
Puccinia columbiensis (C:132): rust, rouille: on 6 BC [1012, 1816].
P. dioicae (C:132): rust, rouille: on *H.* sp. BC [1012].
P. fraseri (C:132): rust, rouille: III on 5 Ont [1236].
P. hieracii (C:132): rust, rouille: 0 I II III on 3, 5 Ont [1236]; on 7 NWT-Alta [1063], BC [1012]; on *H.* sp. Ont [1341], Que [282].
Trichometasphaeria gloeospora (C:132): on 4 Que [70].

HIEROCHLOE R. Br. GRAMINEAE

1. *H. odorata* (L.) Beauv., vanilla grass, foin d'odeur; native, Yukon-Mack, n. Que-Labr, BC-Nfld.

Colletotrichum graminicola (C:132): on 1 Que [1729].
Claviceps purpurea (C:132): ergot, ergot: on 1 Nfld [666].
Erysiphe graminis: powdery mildew, blanc: on 1 Sask [1255, 1257].

HIPPEASTRUM Herb. AMARYLLIDACEAE

Herbs with tunicate bulbs, native to tropical America and w. Africa. Grown as house plants or outdoors.

Stagonospora curtisii: leaf scorch, grillure: on *H.* sp. BC [1816].

HOLCUS L. GRAMINEAE

1. *H. lanatus* L., velvet grass, houlque laineuse; imported from Eurasia, natzd., BC, Ont-NS, Nfld.

Dilophospora alopecuri (C:133): twist, torsion: on 1 BC [1816].
Entyloma dactylidis (C:133): leaf smut, charbon des feuilles: on 1 BC [1816].
Puccinia coronata (C:133): crown rust, rouille couronnée: on 1 BC [1012, 1816].
P. hordei (P. holcina): rust, rouille: on 1 BC [643, 1012].
P. recondita s. l. (C:133): rust, rouille: on 1 BC [1012, 1816].
Ustilago salvei (U. striiformis auct.) (C:133): stripe smut, charbon en stries: on 1 BC [1816].

HOLODISCUS Maxim. ROSACEAE

1. *H. discolor* (Pursh) Maxim., ocean spray; native, BC.

Cylindrosporium spiraeicola (C:133): leaf spot, tache cylindrosporienne: on 1 BC [1816].
Datronia mollis (Trametes m.) (C:133): on 1 BC [1012]. Lignicolous, associated with a white rot.
Dendrothele incrustans (Aleurocorticium i.): on 1 BC [965, 1012]. Lignicolous.
Glyphium elatum: on 1 BC [589, 1012].
Hymenochaete rubiginosa (C:133): on 1 BC [1012]. Lignicolous associated with a white rot.
H. tabacina (C:133): on 1 BC [1012]. Lignicolous, associated with a white rot.
Odontia sp.: on 1 BC [1012]. Lignicolous.
Peniophora cinerea (C:133): on 1 BC [1012]. Lignicolous.
P. incarnata: on 1 BC [1012]. Lignicolous.
Phellinus ferreus (Poria f.) (C:133): on 1 BC [1012]. Lignicolous, associated with a white rot.
Phyllactinia guttata (C:133): powdery mildew, blanc: on 1 BC [1816].
Stereum sp.: on 1 BC [1012]. Lignicolous.
Tulasnella violea: on 1 BC [1012]. Lignicolous, probably saprophytic.

HORDEUM L. GRAMINEAE

1. *H. brevisubulatum* (Trin.) Link, short-awned barley; imported from Eurasia.
2. *H. jubatum* L., squirrel-tail grass, queue d'écureuil; native, Yukon-Labr, BC-Nfld. 2a. *H. j.* ssp. *breviaristatum* Bowden (*H. nodosum* auct. Amer., non L.); native, BC-Sask, Nfld, Labr.
3. *H. vulgare* L., barley, orge; a commonly grown grain. The two major groups of cultivars are the two-rowed form, *H. distichon* and the six-rowed form, *H. hexastichon*.
4. *H. leporinum* x *vulgare*. An experimental hybrid which occurs infrequently as an escape.
5. Host species not named, i.e., reported as *Hordeum* sp.

Acremoniella sp.: from seeds of 3 PEI [1117, 1118]; on 5 PEI [1111].
Acremonium boreale: on 3 BC, Alta, Sask [1707].
Alternaria sp.: on 3 PEI [1117]; on 5 PEI [1111].

A. alternata (A. tenuis auct.*)* (C:133): on 3 Man [335, 1114], Ont [1478], PEI [1118].

Aspergillus sp.: on seeds of 3 Alta [222].

Bipolaris sorokiniana (Helminthosporium sativum) (holomorph *Cochliobolus sativus*) (C:133): spot blotch, helminthosporiose: on 1 Alta [133]; on 2 Alta [48]; on 3 BC [1816], BC, Sask, Man, Ont, Que [639, 1533], Alta [223, 1331, 1333, 1336, 1337], Alta, Sask, Man [333, 334, 335, 336, 338, 339], Alta, Man [1115], Sask [961], Sask, Man [337, 1594], Man [640, 672, 1070, 1114, 1887], Ont [328, 329 on seeds, 331, 336, 339, 680], Ont, PEI [1115, 1594], Que [335, 416, 417], NB [273, 333, 639, 1196], NS [272, 339], NS, PEI [273, 333, 337, 639, 1533], PEI [275, 334, 336, 338, 1025], Nfld [335, 337, 1533]; on 4 Ont [256]; on 5 Alta, Man [197], Sask [697]. Leaf spots caused by *B. sorokiniana, Drechslera teres, Septoria passerinii, Puccinia hordei, Rhynchosporium secalis* and *Xanthomonas translucens*, the latter a bacterium, were responsible for a loss of 4.4 million bushels or 4.3% of the potential yield in Man in 1971 [672].

Cephalosporium sp.: from seeds of 3 Man [881], PEI [1117, 1118]; on 5 PEI [1111].

C. acremonium: on 3 Man [1114]. See comment under *Avena*.

Cercosporidium graminis (Scolecotrichum g.): on 2 Yukon [1731].

Cladosporium sp.: from seeds of 3 PEI [1117, 1118]; on 5 PEI [1111].

C. cladosporioides (C:134): on 3 Man [1114].

Claviceps purpurea (C:134): ergot, ergot: on 3 BC [1816], Alta [223, 334, 335, 338, 1333], Sask [334, 336, 338, 339], Man [335, 1364 inoculated], Que [339], NB, NS [854], PEI [336, 854]; on flowers of 5 Que [1385].

Cochliobolus sativus (anamorph *Bipolaris sorokiniana*): spot blotch, helminthosporiose: on 3 Alta [706, 1115, 1338, 1363, 1594], Sask [1071, 1115, 1338, 1594], Man [636, 1067, 1071, 1115, 1338, 1891, 1892 on seeds], Ont [260, 261, 262, 263, 267, 1115, 1090, 1478 on seeds, 1594], Que [1412], NB [854], NS [854, 1115, 1595], PEI [267, 854, 888, 1115, 1117, 1118 from seeds, 1893]; on 5 PEI [1111].

Colletotrichum dematium: anthracnose, anthracnose: on 3 Alta [1595].

C. graminicola (C:134): anthracnose, anthracnose: on 3 Alta [338, 693], Que [333, 335].

Drechslera graminea (Helminthosporium g.) (holomorph *Pyrenophora g.*) (C:134): stripe, strie: on 3 BC [1816], PEI [854]; on 5 Alta, Sask, Man, Ont, Que, NS [1611].

D. teres (Helminthosporium t.) (holomorph *Pyrenophora t.*) (C:134): net blotch, rayure réticulée: on 3 BC, Alta, Sask [335, 337], BC, Alta, Sask, Man, Ont, Que, NB, NS, PEI [1611], Alta [223, 1330, 1332, 1333, 1335], Alta, Sask, Man [333, 334, 336, 1887], Alta, Man, PEI [1115], Man [335, 672, 881, 1068], NB [333, 1196]; on 5 Alta, Man [197]. See comment under *Bipolaris sorokiniana*.

D. tritici-repentis (holomorph *Pyrenophora t.*) (C:134): on 3 Ont [1611].

Epicoccum purpurascens (C:134): on 3 Man [1114].

Erysiphe graminis (C:134): powdery mildew, blanc: on 2 Yukon [1731], Mack [1255, 1257]; on 3 BC [1012, 1255, 1816], BC, Alta, Sask, Man [333, 1257], BC, Alta, Ont, Que [639], BC, Man, Ont [335, 1533], BC, Ont, Que [334, 640], Alta, Sask [339], Alta, Ont [336], Sask, Ont [1594], Man [197, 1887], Ont [260, 261, 262, 338, 1115], Ont, Que, NS [1257], Que [1255, 1533], NS [272], PEI [333].

E. graminis f. sp. *hordei* (C:134): powdery mildew, blanc: on 3 Ont [998].

Fusarium sp. (C:134): on 3 Alta [223, 339, 706, 1331, 1363], Alta, Sask [333, 334, 335, 336, 1594], Alta, Sask, Man, PEI [337, 338], Man [1114], Ont [1090, 1091, 1594], NB [333], NB, PEI [273], PEI [334, 336, 1117, 1118, 1594]; on 5 PEI [1111].

F. acuminatum (C:134): head blight, brûlure de l'épi: on 3 Man [335, 1114].

F. avenaceum (C:134): head blight, brûlure de l'épi: on 3 Man [1114].

F. culmorum (C:134): root rot and head blight, fusariose: on 3 Alta [1336, 1337].

F. graminearum (holomorph *Gibberella zeae*) (C:134): root rot and head blight, fusariose: on 3 Alta [1337]. In 1980 the PEI crop was severely damaged by the fungus and by contamination with its mycotoxin, vomitoxin.

F. nivale (C:134): on 2 Yukon, BC [1731]. See *Agrostis*.

F. oxysporum (C:134): basal discoloration, piétin fusarien: on 3 Man [1114].

F. poae (C:134): head blight, brûlure de l'épi: on 3 Man [335, 1114].

F. sacchari: on 3 Man [1114].

F. sambucinum (C:134): head blight, brûlure de l'épi: on 3 Man [1114].

F. sporotrichioides (C:134): head blight and false scab, fausse gale: on 3 Man [338, 1114].

F. sulphureum (holomorph *Gibberella cyanogena*): on 3 Man [1114].

F. tricinctum: on 3 Man [1114].

Gaeumannomyces graminis (Ophiobolus g.) (C:135): take-all, piétin-échaudage: on 3 Alta [339].

Gonatobotrys simplex: on 3 Man [1114].

Heterosporium avenae (C:134): on 2 Yukon [1731].

Mucor sp.: on 3 Ont [1090].

Olpidium brassicae (C:135): on 2 Ont [68].

Penicillium sp. (C:135): on 3 Alta [222], PEI [1117, 1118] from seeds; on 5 PEI [1111].

Polymyxa graminis (C:135): on 3 Ont [60, 68].

Pseudoseptoria stomaticola (Selenophoma donacis var. *s.)* (C:135): eye spot, tache ocellée: on 2 BC [1728]; on 3 NS, PEI [1534].

Puccinia graminis (C:135): stem rust, rouille de la tige: II III on 1 Alta [133]; on 2 Man [626], Ont [1236]; on 3 BC, Sask, Man, Ont [619, 630, 631], BC, Man, Ont [626, 627, 628, 632, 633, 639], BC, Man, Ont, Que [625, 634, 640, 1533], BC, Ont [623], Alta [1331], Alta, Sask, Ont [336, 621], Alta, Ont, Que [338], Sask, Ont [335, 629, 1594], Sask, Que [337, 629], Man [621, 629, 636, 1067, 1887], Man, Ont [622, 635], Man, NB, PEI [333], Ont [334, 339, 641, 1236], Que [619, 631, 635], NS [635, 640], PEI [334, 640, 854].

P. graminis ssp. *graminis* var. *graminis (P. graminis* f. sp. *tritici)* (C:135): rust, rouille: on 2 Sask [624], Sask, Man [625, 631], Man [639, 640, 1533]; on 3 Alta, Sask, Man, Ont, Que [620], Sask, Man [635], Man, Ont, PEI [639, 640].

P. graminis ssp. *graminis* var. *stakmanii (P. graminis* f. sp. *secalis)* (C:135): rust, rouille: on 2 Alta [635], Sask, Man [615, 625, 635], Man [617], Ont [615]; on 3 BC, Sask, Man, Ont [615], BC, Ont [335], Alta, Sask, Man, Ont, Que [620], Man [616]; on 5 Man, Ont, Que [635].

P. hordei (C:135): dwarf leaf rust, rouille naine des feuilles: II III on 3 BC [1816], BC, Man, Ont [639, 640], Alta, Ont [338], Sask, Ont [335, 336, 339], Man [197, 636, 672, 1887], Man, Ont, Que, NS [1533], Man, Que, NS, PEI, Nfld [333], Ont [261, 262, 263, 1236], Que [335, 337], Que, NB, NS, PEI [640], NB [1196], NS [337, 854], PEI [334, 639, 854], Nfld [339]. See comment under *Bipolaris sorokiniana*.

P. recondita s. l. (C:135): rust, rouille: on 1 Alta [133].

P. striiformis (C:135): stripe rust, rouille striée: II III on 2a BC [1816]; on 3 Alta [335].

Pyrenophora graminea (anamorph *Drechslera g.*) (C:134): stripe, strie: on 3 Alta, Sask, Man, NS [1793].

P. teres (anamorph *Drechslera t.*) (C:135): net blotch, rayure réticulée: on 3 BC, Sask, Man, Que [1533], Alta [334, 706, 1329, 1331, 1595], Alta, Sask, Man [338, 339, 639, 1791, 1792], Alta, Sask, Ont [1594], Sask, Man [1071], Man [196, 636, 640, 1067], Ont [338, 1611], NS, PEI [854], PEI [273, 275].

P. tritici-repentis (anamorph *Drechslera t.*): on 3 Ont [1611].

Pythium sp. (C:135): on 3 Alta [1594], Ont [261, 1089, 1090].

P. aristosporum: on 3 Ont [261].

P. arrhenomanes: on 3 Ont [261].

P. graminicola (C:135): browning root rot, piétin brun: on 3 Ont [1092].

P. tardicrescens: on 3 Alta [1595], Ont [261].

Ramularia pusilla (C:135): on 2 Yukon [1731].

Rhizophydium graminis: on 3, 5 Ont [59].

Rhizopus arrhizus (C:135): on overwintered plants of 3 Man [1114].

Rhynchosporium secalis (C:135): scald, tache pâle: on 3 BC [1816], BC, Alta, Sask [337], Alta [223, 639, 640, 706, 1115, 1331, 1333, 1533, 1595, 1667, 1668, 1928], Alta, Sask [334, 336, 1594], Alta, Sask, Man [333, 338, 339, 1887], Man [335, 672], Ont [261, 338, 1594], Que [334], NB, NS, PEI [854], NS [272, 273]; on 5 Alta [197]. See comment under *Bipolaris sorokiniana*.

Septoria sp.: on 1 Alta [133]; on 3 Alta [706, 1333].

S. passerinii (C:135): speckled leaf blotch, tache septorienne: on 3 BC, Sask, Man, Ont, Que [639], Alta [223, 1331], Alta, Sask, Man [333, 334, 336, 338], Alta, Man [335], Sask [1071], Sask, Man [339, 1887], Sask, NS [337], Man [636, 672, 1067], Man, Que, NS, PEI [1533], Ont [261], Que [640], NS, PEI [854]; on 5 Man [197]. See comment under *Bipolaris sorokiniana*.

Streptomyces spp.: on 3 PEI [1117, 1118].

Thanatephorus cucumeris (Pellicularia filamentosa, P. praticola) (anamorph *Rhizoctonia solani*): on 3 Sask [1874].

Urocystis agropyri (C:136): leaf smut, charbon des feuilles: on 2 Man [338]; on 2a BC [1816].

Uromyces mysticus (C:136): rust, rouille: on 2a BC [1816].

Ustilago bullata (C:136): head smut, charbon de l'epi: on 2 Alta [336]; on 5 Sask [333].

U. hordei (C:136): covered smut, charbon couvert: on 3 BC [1816], Alta [1331, 1333], Alta, Sask, Man [329, 333, 336, 1594, 1887], Sask, Man [337, 338, 339, 1071, 1803, 1804], Sask, Nfld [335], Man [491, 1021, 1022, 1023, 1067, 1070, 1106, 1888, 1889, 1890, 1891], NB [333, 1196], NS, PEI [854]; on 5 Man [653]. Losses due to barley smuts (*U. hordei*, *U. nigra* and *U. nuda*) in Man and Sask in 1981 were valued at 17.6 million dollars [1805].

U. kolleri: smut, charbon: on 3 Man [1891]. Probably a misdetermined specimen of *U. hordei*.

U. nigra (C:136): seedling-infecting or black loose smut, faux charbon nu: on 3 Alta, Sask, Man, Ont [334], Sask [1838], Sask, Man [338, 1071, 1594, 1803, 1804], Man [339, 491, 1070, 1067, 1106, 1887], NB [1196]. See comment under *U. hordei*.

U. nuda (C:136): true loose smut, charbon nu: on 3 BC [1816], Alta [223, 706, 1331, 1333], Alta, Sask, Man [333, 334, 336, 337, 339, 1594], Alta, Man [1107], Sask [933, 1498], Sask, Man [1071, 1802, 1803, 1804, 1887], Sask, Ont, Que [335], Man [491, 1070, 1067, 1106, 1892], Ont [259, 333, 334, 336, 530, 1115, 1594], Ont, Que, Nfld [339], NB [1196], NB, NS, PEI [333, 854], NS, Nfld [337]. See comment under *U. hordei*.

HOSTA Tratt. LILIACEAE

Ornamental perennials, native of e. Asia.

Phyllosticta sp.: on *H.* sp. Que [335].

HOYA R. Br. ASCLEPIADACEAE

1. *H. carnosa* (L. f.) R. Br., wax plant; imported from s. China and Australia. Grown as a house plant.

Colletotrichum gloeosporioides (holomorph *Glomerella cingulata*): anthracnose, anthracnose: on 1 BC [338].

HUMULUS L. CANNABINACEAE

1. *H. lupulus* L., common hop, houblon commun; imported from Eurasia, natzd., BC-Nfld.

Fumago vagans (C:137): sooty mold, moisissure charbonneuse: on 1 BC [1816]. See comment under *Corylus*.
Pseudoperonospora humuli (C:137): downy mildew, mildiou: on 1 BC [1816].
Pythium sp.: on 1 BC [1816].
Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:137): on 1 BC [1816].
Sphaerotheca macularis (C:137): powdery mildew, blanc: on 1 Ont [1257, 1254].
Verticillium dahliae (C:137): wilt, flétrissure verticillienne: on 1 BC [1816, 1978]; on *H.* sp. BC [38].

HYACINTHUS L. LILIACEAE

1. *H. orientalis* L., hyacinth, jacinthe; imported from Mediterranean region.

Dactylosporium macropus: on 1 BC [1816].
Uromyces muscari (C:137): rust, rouille: on 1 BC [1816].
U. muscari f. sp. *hyacinthi* (C:137): rust, rouille: on 1 BC [1545].

HYDRANGEA L. SAXIFRAGACEAE

1. *H. macrophylla* (Thunb.) Ser., big-leaved hydrangea, hortensia commun; imported from Japan.
2. *H. paniculata* Siebold, panicled hydrangea, hortensia en panicule; imported from China and Japan.
3. Host species not named, i.e., reported as *Hydrangea* sp.

Armillaria mellea: root rot, pourridié-agaric: on 3 BC [1012].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:137): gray mold, moisissure grise: on 2 Sask [334] in greenhouse.
Erysiphe cichoracearum (C:137): powdery mildew, blanc: on 3 NB [333]. Based on DAOM collections, mildew on *Hydrangea* in Canada is known only in the conidial state [1257], thus it is questionable which teleomorph epithet is applicable.
E. communis (E. polygoni) (C:137): powdery mildew, blanc: on 1 Que [339]; on 3 NB [334, 335, 338]. See above.
Nectria cinnabarina (anamorph *Tubercularia vulgaris*) (C:137): dieback or coral spot, deperissement nectrien: on 3 Que [337].
Oidium sp. (C:137): powdery mildew, blanc: on 3 BC [1816].
Schizopora paradoxa (Poria versipora): on 3 BC [1012].
Sclerotinia sclerotiorum (C:138): sclerotinia stem rot, pourriture sclérotique: on 3 BC [1816].

HYDROCOTYLE L. UMBELLIFERAE

1. *H. americana* L., marsh pennywort, hydrocotyle d'Amérique; native, Ont-Nfld.

Erysiphe communis (E. polygoni) (C:138): powdery mildew, blanc: on 1 Ont, Que [1257].

HYDROPHYLLUM L. HYDROPHYLLACEAE

1. *H. canadense* L., Canadian waterleaf, hydrophylle du Canada; native, Ont-Que.
2. *H. tenuipes* Heller; native, BC.
3. *H. virginianum* L., John's cabbage, hydrophylle de Virginie; native, Man-Que.

Erysiphe cichoracearum: powdery mildew, blanc: on 1, 3 Ont [1257].
Puccinia hydrophylli (C:138): rust, rouille: III on 3 Ont [1236].
P. recondita s. l. (C:138): rust, rouille: on 2 BC [1012, 1816].
Septoria hydrophyli: on leaves of 3 Ont [440].

HYPERICUM L. HYPERICACEAE

1. *H. boreale* (Britt.) Bickn., northern St. John's-wort, millepertuis boréal; native, Ont-Nfld.
2. *H. ellipticum* Hook., elliptic St. John's-wort, millepertuis elliptique; native, Ont-NS, Nfld.
3. *H. kalmianum* L., Kalm's St. John's-wort, millepertuis de Kalm; native, Ont-Que.
4. *H. mutilum* L., dwarf St. John's-wort, millepertuis nain; native, Man-NS.
5. *H. perforatum* L., common St. John's-wort, pertuisane; imported from Eurasia, natzd., BC, Ont-Nfld.
6. *H. punctatum* Lam., spotted St. John's-wort, millepertuis ponctué; native, Ont-Que, NS.

7. *H. spathulatum* (Spach) Steud., shrubby St. John's-wort, millepertuis prolifère; native, Ont.
8. *H. virginicum* L., marsh St. John's-wort, millepertuis de Virginie; native, Sask-Nfld.

Erysiphe communis (E. polygoni): powdery mildew, blanc: on 5 Ont [1257].
Uromyces sparganii (C:138): rust, rouille: 0 I on 8 Ont [1236, 1287], Que [1287].
U. triquetrus (C:138): rust, rouille: 0 I II III on 1, 2, 3, 4, 6, 7, 8, *H.* sp. Ont [1236].

HYPOCHOERIS L. COMPOSITAE

1. *H. radicata* L., spotted cat's-ear, porcelle enracinée; imported from Eurasia, introduced, BC, Sask, Ont-NS, Nfld.

Verticillium dahliae: on 1 BC [1978].

ILEX L. AQUIFOLIACEAE

1. *I. aquifolium* L., English holly, houx commun; imported from Eurasia.
2. *I. verticillata* (L.) Gray, winterberry, apalanche; native, Ont-Nfld.

Boydia insculpta (C:139): canker, chancre: on 1 BC [29, 1816].
Ceuthospora phacidioides (C:139): on 1 BC [1012].
Diaporthe ilicis: on *I.* sp. Ont [1340].
Fumago vagans: sooty mold, moisissure charbonneuse: on 1 BC [1816]. See comment under *Corylus*.
Microsphaera penicillata (C:139): powdery mildew, blanc: on 2 Que, NB, NS [1257].
Phoma sp.: on 1 BC [1816].
Phytophthora ilicis (C:139): leaf and twig blight, brûlure: on 1 BC [1416, 1816]; on *I.* sp. BC [334].
Trochila ilicis (C:139): on 1 BC [1012, 1816].
Varicosporium elodeae: on 1 BC [43].

IMPATIENS L. BALSAMINACEAE

1. *I. balsamina* L., garden balsam, balsamine cultivée; imported from Indonesia.
2. *I. capensis* Meerb., spotted touch-me-not, impatiente du Cap; native, Mack, BC-Nfld.
3. *I. noli-tangere* L., touch-me-not, herbe Ste.-Catharine; native, BC-Man.
4. *I. pallida* Nutt., pale touch-me-not, impatiente pâle; native, Ont-NS, Nfld.

Dasyscyphus sulphurea: on *I.* sp. Ont [1340].
Ophiobolus rubellus: on *I.* sp. Ont [1620].
Puccinia argentata (C:139): rust, rouille: on 3 Alta [53].
P. impatienti-elymi (P. recondita in *part)* (C:139): rust, rouille: 0 I on 2, 4 Ont [1236]; on *I.* sp. Ont [1236, 1828]. See comment under *Elymus*.
Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:139): target spot, tache stemphylienne: on 1 BC [1816].

INULA L. COMPOSITAE

1. *I. helenium* L., elecampane, inule aulnée; imported from Eurasia, introduced, BC, Ont-NS, Nfld.

Erysiphe cichoracearum (C:139): powdery mildew, blanc: on 1 Man, Ont [1257].

IPOMOEA L. CONVOLVULACEAE

1. *I. purpurea* (L.) Roth, common morning glory, liseron pourpre; imported from tropical America, a garden escape, Ont-Que, NS.

Verticillium dahliae: on 1 BC [334, 1978]; on *I.* sp. BC [1816].

IRIS L. IRIDACEAE

1. *I. germanica* L., German iris, iris d'Allemagne; imported from Europe, widely grown in gardens. The aggregate species is probably a series of hybrids of uncertain parentage.
2. *I. versicolor* L., blue flag, clajeux; native, Man-Nfld, Labr.
3. *I. xiphium* L., Spanish iris, iris d'Espagne; imported from s. Europe.
4. Host species not named, i.e., reported as *Iris* sp.

Bipolaris iridis (Mystrosporium adustum) (C:140): ink disease, maladie d'encre: on 3 BC [1595, 1744]; on 4 BC [1816].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:140): on 1 NB [1194]; on 4 BC [1816], NB [333].
B. convoluta (holomorph *Botryotinia c.*): on 4 Ont [842].
Cladosporium iridis (Heterosporium i., ?H. gracile) (holomorph *Macrosphaerella macrospora*): on 3 BC [1595, 1744]; on 4 BC [1816], Ont [1340], NB [1194].
Macrosphaerella macrospora (Didymellina m.) (anamorph *Cladosporium iridis*) (C:140): leaf spot, tache hétérosporienne: on 1 BC, Ont [337, 338], NS [337]; on 4 BC, Man, Ont, Que [336], BC, NS [334], Que, NB, NS [335], NB, NS [333].
Mollisia iridis (C:140): on 2 Ont [1340].
Penicillium sp. (C:140): bulb rot, pourriture penicillienne: on 1 BC [339]; on 3 BC [1594].
Puccinia iridis (C:140): rust, rouille: II III on 2 Ont, Que [1236], NS [337].
P. sessilis (C:140): rust, rouille: 0 I on 2 Ont [1236].

Sclerotinia sclerotiorum (C:140): sclerotinia rot and wilt, flétrissure sclérotique: on 4 BC [1816].
Sclerotium tuliparum (C:140): gray bulb rot, pourriture grise des bulbs: on 4 BC [1816].
Septoria breviuscula: on 2 Ont [195]. The name is a later homonym of *S. breviuscula* Sacc. The specimens should be renamed.
Talaromyces luteus (Penicillium l.): on 4 Ont [1340].
Venturia antherici: on overwintered leaves of 4 Nfld [73].

IVA L. COMPOSITAE

1. *I. axillaris* Pursh, poverty-weed, herbe de pauvreté; native, BC-Man.

Puccinia intermixta (C:140): rust, rouille: on 1 Alta, Man [1245, 1280], Sask [1280].

IVESIA Torr. & Gray ROSACEAE

1. *I. gordonii* (Hook.) Torr. & Gray. Perennial herbs in foothills of Rocky Mountains along Pacific coast. Sometimes grown in wild gardens in USA.

Phragmidium horkeliae: on 1 Alta [1579].

JUGLANS L. JUGLANDACEAE

1. *J. cinerea* L., butternut, noyer tendre; native, Ont-NB.
2. *J. nigra* L., black walnut, noyer noir; native, s. Ont.
3. *J. regia* L., English walnut, noyer royal; imported from Eurasia.
4. Host species not named, i.e., reported as *Juglans* sp.

Aplosporella juglandis: on 2 Ont [1340]. This may be an anamorph of *Botryosphaeria obtusa*.
Asterosporium asterospermum: on 4 Ont [1340].
Botryosphaeria obtusa (C:141): on 1 Ont [1614].
Cerrena unicolor (Daedalea u.): on 1 Que [1391]; on 2 Que [1855]. See *Acer*.
Coriolus versicolor (Polyporus v.) (C:141): on 4 BC [1012]. See *Abies*.
Cylindrocarpon sp.: on 2 Ont [1827].
Cytospora sp.: on 4 Ont [1340].
Diaporthe spiculosa: on 1 Ont [1340].
Fusarium lateritium (C:141): fusarium dieback, dépérissement fusarien: on 3 BC [1816].
Ganoderma applanatum (Fomes a.): on 1 Que [1377]; on 1, 4 Ont [1341]. See *Abies*.
Gloeosporium sp.: on 2 Ont [1340].
Gnomonia caryae: on 1 Que [1377].
G. leptostyla (anamorph *Marssonina juglandis*) (C:141): leaf spot, tache des feuilles: on 1 NB, NS [1032]; on 4 Ont [79, 1340], Que [337], NB [1032].
Irpex lacteus (Polyporus tulipiferae) (C:141): white spongy rot, carie blanche spongieuse: on 4 Ont [1341].
Marssonina juglandis (holomorph *Gnomonia leptostyla*) (C:141): leaf spot, tache des feuilles: on 1 BC [1816], Ont [1340], Que [F72, F73]; on 1, 2 Ont [1828, F76]; on 4 Ont [1340, F63].
Melanconis juglandis (anamorph *Melanconium oblongum*) (C:141): canker, chancre: on 1 Que [1377]; on 1, 4 Ont [1340], NB [1032]; on 2 Ont [F64]; on 4 Ont [337, F63].
Melanconium sp.: on 4 Ont [1340].
M. oblongum (holomorph *Melanconis juglandis*) (C:141): on 1, 4 Ont [1340]; on 2 Ont [1827].
Microstroma juglandis (C:141): white mold, moisissure blanche: on 1 Ont [339], Que [1377]; on 2 Ont [F74]; on 3 BC [1816].
Peniophora cinerea: on 2 Ont [1341]. See *Abies*.
Phellinus igniarius (Fomes i.) (C:141): on 1 Que [1377]; on 1, 4 NB [1032]; on 4 Ont [1341]. See *Acer*.
Phialophora richardsiae: on 1 Que [F71].
Phomopsis juglandina: on 3 Ont [F76].
Phyllactinia guttata (C:141): powdery mildew, blanc: on 3 BC [1816].
Trichocladium canadense: on 1 Que [F71].
Tubercularia vulgaris (holomorph *Nectria cinnabarina*): on 4 BC [1012].

JUNCUS L. JUNCACEAE

1. *J. articulatus* L., jointed rush, jonc articulé; native, BC, Ont-Nfld.
2. *J. balticus* Willd., (*J. ater* Rydb.), baltic rush, jonc de la Baltique; native, Yukon-Labr, BC-Nfld.
3. *J. biglumis* L.; native, Yukon-Labr, BC-Alta, Man-Que.
4. *J. drummondii* Meyer; native, Yukon-Mack, BC-Alta.
5. *J. dudleyi* Wieg., Dudley's rush, jonc de Dudley; native, Yukon-Mack, BC-Nfld.
6. *J. effusus* L., soft rush, jonc épars; native, BC, Ont-Nfld. 6a. *J. e.* var. *compactus* Lej. & Court.; native, Ont-Nfld.
7. *J. ensifolius* Wikstr.; native, Yukon, BC-Sask.
8. *J. parryi* Engelm.; native, BC-Alta.
9. *J. tenuis* Willd., slender rush, jonc ténue; native, BC-Nfld, Labr.

Arthrinium cuspidatum: on 2 Sask [444].
Clathrospora heterospora var. *simmonsii*: on 4 BC [284].
Entorrhiza casparyana: smut, charbon: on 1 BC [45].
Leptosphaeria sepalorum: on 8 BC [72].
Melanotus caricicola: on 6 Ont and on *J.* sp. Ont [1437].
Phyllachora therophila: on 6a NS [1032].
Platyspora pentamera (C:142): on 2 BC [285, 287].
Urocystis junci (C:142): smut, charbon: on 3 Frank [1586].

Uromyces junci-effusi (C:142): rust, rouille: III on 6 Ont [1236]; on 7 BC [1012].

U. silphii (C:142): rust, rouille: II III on 5, 6, 9, *J.* sp. Ont [1236].

JUNIPERUS L. CUPRESSACEAE

1. *J. chinensis* L., Chinese pyramid juniper, genévrier de Chine; imported from e. Asia. 1a. *J. c.* var. *chinensis*. 1b. *J. c.* var. *c.* cv. pfitzeriana. 1c. *J. c.* var. *c.* cv. plumosa.
2. *J. communis* L., common juniper, genévrier commun; native, Yukon-Keew, BC-Nfld, Labr. 2a. *J. c.* var. *communis*. 2b. *J. c.* var. *c.* cv. hibernica (*J. hibernica* Lodd. ex Loud.), Irish juniper. 2c. *J. c.* var. *c.* cv. suecica. 2d. *J. c.* var. *depressa* Pursh, dwarf juniper, genévrier nain; native, transcontinental. 2e. *J. c.* var. *montana* Ait.; native, transcontinental.
3. *J. conferta* Parl., shore juniper, genévrier des rovages; imported from Sakhalin and Japan.
4. *J. horizontalis* Moench, creeping juniper, savinier; native, Yukon-Mack, BC-Nfld.
5. *J. oxycedrus* L., prickly juniper, genévrier piquant; imported from Eurasia.
6. *J. rigida* Siebold & Zucc., needle juniper, genévrier rigide; imported from e. Asia.
7. *J. sabina* L., savin juniper, genévrier sabine; imported from Eurasia. 7a. *J. s.* cv. tamariscifolia. 7b. *J. s.* cv. variegata.
8. *J. scopulorum* Sarg., Rocky mountain juniper, genévrier des Rocheuses; native, BC-Alta.
9. *J. squamata* D. Don, single-seed juniper, genévrier écailleux; imported from Asia. 9a. *J. s.* var. *fargesii* Rehd. & E.H. Wils. 9b. *J. s.* var. *squamatas* cv. Meyeri. 9c. *J. s.* cv. prostrata.
10. *J. virginiana* L. *(J. fragans* Knight*)*, eastern red cedar, cèdre rouge; native, Ont-Que. 10a. *J. v.* var. *crebra* Fern. & Grisc.; the form found in Canada. 10b. *J. v.* cv. canaerti. 10c. *J. v.* cv. cinerascens. 10d. *J. v.* cv. elegantissima. 10e. *J. v.* cv. glauca. 10f. *J. v.* cv. pendula. 10g. *J. v.* cv. pendula viridis. 10h. *J. v.* cv. plumosa. 10i. *J. v.* cv. pyramidalis. 10j. *J. v.* cv. schottii.
11. Host species not named, i.e., reported as *Juniperus* sp.

Actidium nitidum: on 11 BC [1012].

Aleurodiscus lividocoeruleus: on 4 Man [964]. See *Abies*.

Alternaria sp.: on 1 BC [1012].

Armillaria mellea: root rot, pourridié-agaric: on 8 BC [1012, F74]. See *Abies*.

Ascochyta sp.: on 11 BC [1012].

Botryosphaeria sp.: on 7 Ont [675].

Botrytis sp.: on 7 BC [1012].

Cephalosporium sp.: on 4 BC [1012].

Ceuthospora phacidioides: on 11 Sask [F65].

Chaetoscutula juniperi: on 2 Man [F67]; on 7b, 8 BC [1012].

Chloroscypha sabinae (Kriegeria juniperina): on 2 Yukon [460, 664], NWT-Alta [1063], Mack [53], Mack, Alta [F67], BC [1012]; on 4 Mack [F65], Sask [F68].

Coriolus versicolor (Polyporus v.): on 10 Ont [1341]. Lignicolous. See *Abies*.

Corticium sp.: on 11 Ont [1827].

Crucibulum parvulum: on 4 Alta [191]. Lignicolous, probably saprophytic.

Cucurbitaria sp.: on 11 BC [1012].

Cytospora dubyi (holomorph *Valsa friesii*) (C:142): on 11 BC [1012, F73].

Dendrothele griseo-cana (Aleurocorticium g.): on 10 Ont [965]. Lignicolous.

D. nivosa (Aleurocorticium n.): on 10 Ont [965, 1341]. Lignicolous.

Dothiorella sp.: on 7 Ont [675].

Epipolaeum sp.: on 2 BC [1012].

Gymnosporangium sp.: rust, rouille: on 2, 4, 8 NWT-Alta [1063]; on 10 Ont [1341]; on 11 BC [954], Alta [1594].

G. aurantiacum (C:142): rust, rouille: on 2d Que [1377]. The application of this name is uncertain. Specimens from North America fall within *G. cornutum*.

G. bermudianum: rust, rouille: I III on 4 Ont [1236]. These specimens have been determined to be *Roestelia brucensis*.

G. betheli (G. tubulatum) (C:142): rust gall, rouille-tumeur: III on 8 NWT-Alta [1063], BC [338, 644, 953, 1012, 1247, 1267, 1816, F60]; on 10 BC [1816]; on 11 BC, Alta, Man, Ont, Que [2008].

G. clavariiforme (C:142): rust, rouille: III on 2 NWT-Alta [1063], BC [953, 1816], BC, Alta [644], BC, Alta, Man, Ont, Que, NB, NS, PEI [2008], Alta [335, 951, 952], Man [F67], NB, NS, PEI [1032]; on 2b BC [339, 1816]; on 2b, 2c BC [1012]; on 2b, 2d Ont [1236]; on 2c BC [338], Que [1236], on 2d BC, Alta [1247], BC, Alta, Ont, Que, NB, NS, PEI, Nfld [1262]; on 4 NB [F64]; on 11 Ont, Que, NB, NS, PEI, Nfld [1240].

G. clavipes (C:142): rust, rouille: III on 2 Mack, BC, Sask, Man, Ont, Que, NB, NS, PEI [2008], Mack [F68], BC [644, 1012, 1816], Alta [950], Man [F67], Ont [F71, F72], NB, NS [1032]; on 2, 2c, 2d, 3, 5, 6, 7, 7a, 10 Ont [1236]; on 2, 2c, 7, 10 Ont [336]; on 2c Nfld [1662]; on 2d BC, Sask [1247, 1263], Alta [1247], Man [1240], Ont, Que, NB, NS, PEI [1240, 1263]; on 4 Que, PEI [1240, 1263], NB [F64]; on 4, 10 Ont [F74, F75]; on 10

Ont [339, 1240, 1263, F61, F68, F71]; on 10, 10b, 10e Ont [337]; on 10, 11 Ont [1341]; on 11 NS [333].

G. connersii (C:142): rust, rouille: III on 4 Que [1240, 1251], NS [1251]; on 4, 8 Man [1247, 1251].

G. cornutum (C:142): rust, rouille: III on 2 Mack [53, F66], Mack, BC, Alta, Sask, Ont, Nfld [2008], BC [1816], BC, Alta [644], Alta [951], NB [1032]; on 2b Mack, BC, Alta [1247, 1264], BC [1012], Ont [1236], Ont, Que, NB, NS [1264]; on 4 NB [F64]; on 11 Alta [951, 952], Ont, Que, NB, NS [1240].

G. fuscum (C:143): rust, rouille: III on 1 BC [335, 1012]; on 1c, 11 BC [1816]; on 7 BC [181, 1253, 2000, F60], Que [F61]; on 7, 7a, 7b, 9a, 9b, 9c BC [335, 1012, 1816]; on 11 BC [833, 1198, 1247, 1416, 2008].

G. gaeumannii: rust, rouille: on 2 Alta [F68]; II III on 2d Alta [2008].

G. gaeumannii ssp. *albertense*: rust, rouille: II III on 2 Alta [644, 951, 952, F70, F71]; on 2d Alta [730, 1246, 1247, 1265].

G. globosum (C:143): rust gall, rouille-tumeur: III on 2d Que [1377]; on 4 NWT-Alta [1063], Ont [1268]; on 7, 10, 10b, 10c, 10d, 10f, 10g, 10h, 10i, 10j, 11 Ont [1236]; on 10 Ont [1242, F68, F69, F72], Ont, Que [1240]; on 10, 10e, 11 Ont [337]; on 10, 11 Ont [1341]; on 10a Ont, Que [1268]; on 11 Ont [336, F67].

G. haraeanum: on 1 BC [1012]. Occurs only on imported *Juniper*.

G. inconspicuum (C:143): rust, rouille: III on 8 BC [1012, 1247, 1269, 1816, 2008].

G. juniperi-virginianae (C:143): cedar-apple rust, rouille de Virginie: III on 10 Ont [337, 339, 1236, 1341, 1595, 1839, F61]; on 10a Ont, Que [1270]; on 10b Ont [336, 337]; on 10e Ont [337]; on 11 Ont [338, 1240, 1341, F64, F67, F74, F75], Que [338].

G. nelsonii (G. corniculans) (C:143): rust gall, rouille-tumeur: III on 4 Yukon, Mack, Man, Ont [1271], Yukon [7], Mack, BC, Alta, Sask, Man [1247], BC [953], Alta [952, F66], Man [F63], Man, Ont, NB [1240], Ont [1236, 1341]; on 4, 8 NWT-Alta [1063], BC [1012, 1816], BC, Alta [644, 1271], Sask [1271]; on 8 Mack [53], BC [1247], Alta [F61]; on 11 Yukon, Mack, BC, Alta, Sask, Man [2008].

G. nidus-avis (G. juvenescens) (C:143): witches' broom, rouille-balai de sorcière: III on 4 BC, Alta [644], BC, Alta, Sask, Man [1247, 1272], Man [1240, 1838], Ont [1236, 1341], Ont, PEI [1240, 1272]; on 4, 8 NWT-Alta [1063], BC [1012, 1816]; on 8 BC [644, 953, 1247, 1272], Sask [1594]; on 10 Ont [1236, 1240, 1272]; on 11 BC, Alta, Sask, Man, PEI [2008], Alta [952].

G. tremelloides (C:143): rust gall, rouille-tumeur: III on 2 NWT-Alta [1063], Mack [53, F66], Mack, BC, Alta [2008], BC [644, 954, 1012, 1816], Alta [950, 952]; on 2d BC [1247, 1266].

Hendersonia sp.: on 2 BC [1012]. See comment under *Abies*.

Herpotrichia juniperi (H. nigra) (C:143): on 2 BC [1012, 1816], Alta [950, F66]; on 8 NWT-Alta [1063], Alta [950].

Holmiella sabina (Eutryblidiella s.) (anamorph *Corniculariella* sp.): on 4 Que [F66]; on 7 Ont [1344]; on 8 BC [1012, 1344]; on 10 Ont [1344]; on 11 Alta [644], Ont [F66].

Hysterium acuminatum (C:143): on 11 Sask [F65].

Kabatina juniperi: on 1b, 11 BC [1012].

Lepteutypa cupressi: on 11 BC [1012].

Lophodermium chamaecyparisii: on 2 BC [1012].

L. juniperinum (L. juniperi) (C:143): needle cast, rouge: on 2 Alta [950, 951, 952, F64], Man [F66, F67, F68], Ont [1828], Que [F65], NB, NS [1032]; on 2, 4 Yukon [460], NWT-Alta [1063], Mack [53, F65, F67]; on 2b, 7, 7a, 8 BC [1012]; on 2d Ont [1063]; on 4 NB [1032, F64]; on 11 Sask [F65], Ont [1340, F73].

Microthyrium sp.: on 8 BC [1012].

Mytilidion acicola: on 2 BC [1012].

M. decipiens (C:143): on 2d, 2e Que [70].

Ojibwaya perpulchra: on 2, 11 Man and on 2d NS [1760].

Otthia sp.: on 8 BC [1012].

Pestalotiopsis funerea (Pestalotia f.) (C:143): on 1b BC [1816]; on 10 BC [507]; on 11 NS [1032].

Phlebia georgica (Rogersella eburnea): on 11 Man [740]. Lignicolous.

Phoma sp. (C:143): on 11 BC [1012, 1816].

Phomopsis juniperovora (C:143): twig blight, brûlere des rameaux: on 1b, 7a BC [338]; on 7 BC [1012, F61, F72]; on 7, 7a BC [337]; on 7a BC [339]; on 8 Ont [339]; on 10 Ont [F73, F74, F75]; on 10, 11 Ont [F72]; on 11 Ont [F64], Que [F61].

Pithya sp.: on 10 BC [1012].

P. cupressina: on 1b, 4, 7 BC [1012].

Resinicium bicolor (Odontia b.): on 11 NS [1032]. Lignicolous.

Roestelia brucensis (C:143): rust, rouille: on 4 Ont [1240, 1273, 1279]. See under *Gymnosporangium bermudianum*.

Sclerophoma sp.: on 8 BC [1012].

S. pithya: on 10 Ont [1827].

Seynesiella exigua: on dead needles of 2 Que [145].

S. juniperi (Stigmatea j.) (C:143): on 2 Alta [F67], Man [F66]; on 8 BC [953, 1012, 1816, F68]; on 11 BC [73].

Stemphylium sp.: on 7 BC [1012].

Stigmina deflectens: on 2 Man [1760].

S. glomerulosa (Exosporium g., Sciniatosporium g.) (C:142): on 2 BC [644, 953, 1012, 1127], Sask [1760, F68], Ont [1340]; on 2, 2d, 11 Man [1760]; on 2d Ont [1127].

S. juniperina (Cercospora j., C. sequoiae var. *juniperi, Sciniatosporium j.)* (C:142): on 2 BC [1012, 1127, 1816], Man [F65], Ont [747]; on 2, 2d Ont [1127].

Valsa cenisia: on 10 Ont [F74].
V. friesii (anamorph *Cytospora dubyi*): on 2d by inoculation, 4 Que [1689].

KALMIA L. ERICACEAE

1. *K. angustifolia* L., sheep laurel, crevard de mouton; native, Ont-Nfld, Labr.
2. *K. polifolia* Wang. (*K. glauca* Ait.), bog laurel, laurier des marais; native, Yukon-Labr, BC-Nfld. 2a. *K. p.* var. *polifolia* f. *polifolia* (*K. p.* var. *occidentalis* Small); native, Yukon-Keew, n. Que-Labr, BC-Alta, Man-Nfld.

Dothidella kalmiae: on 1 Ont, NS [1340]; on 2a BC [1012, 1816].
Exobasidium vaccinii (C:143): on 2 Nfld [1341]; on *K.* sp. Que [1385].
Gibbera kalmiae (C:143): on 1, 2 Que [70]; on 2 Nfld [1340]; on living and dead leaves, capsules and twigs of *K.* sp. Que, Nfld [73].
Gibberidea rhododendri (G. kalmiae) (C:143): on 1 Que [70, 763].
Godronia cassandrae (anamorph *Fusicoccum putrefaciens*): on 1 Que [1678].
G. cassandrae f. *cassandrae*: on 1 Que [1525].
Lophodermium exaridum (C:143): on 1 Ont [1340, 1827].
Microsphaera vaccinii: powdery mildew, blanc: on 2 Ont, Que [1257].
Mycosphaerella colorata (C:143): on 1 Ont [1340], Que [70], NB [1032], Nfld [1659, 1660, 1661]; on *K.* sp. Ont [1340].
Phyllachora kalmiae (C:143): on 2 Que [70].
Pseudomassaria erumpens: on 2 Que [71].
Tympanis alnea: on 1 Que [1221].

KOBRESIA Willd. CYPERACEAE

1. *K. bellardii* (All.) Degl. (*K. myosuroides* (Vill.) Fiori & Paol.); native, Yukon-Labr, BC-Alta, Man.
2. *K. simpliscuiscula* (Wahl.) Mack.; native, Yukon-Labr, BC-Alta, Man-Que, Nfld.

Anthracoidea elynae (Cintractia e., C. carpophila var. *carpophila* sensu Savile in part) (C:143): smut, charbon: on 1 Yukon, Frank, BC, Que, Nfld [906], Yukon [1542], Frank [1586], Alta [644]; on 2 Frank, Keew, Man, Que [1542].
A. elynae var. *elynae* (C:143): smut, charbon: on 1 Frank [1244].
A. lindebergiae (Cintractia l.) (C:143): smut, charbon: on 2 Frank, Keew, Man, Que [906].
Schizonella elynae: on 1 Frank [1244].

KOELERIA Pers. GRAMINEAE

1. *K. cristata* (L.) Pers. (*K. macrantha* (Ledeb.) Spreng.), prairie June grass, Koélérie à crète; native, Yukon-Mack, BC-Que, Labr.

Ascochyta agropyrina var. *nana*: on *K.* sp. Sask [1414].
Mycosphaerella tassiana (C:144): on 1 Alta, Sask [1362].
Platyspora permunda: on 1 Sask [1362].
Pseudoseptoria stomaticola (Selenophoma donacis var. *s.)*: on 1 BC [1728].
Pyrenophora tritici-repentis (anamorph *Drechslera t.*): on *K.* sp. Sask [1369].
Septoria andropogonis f. sp. *koeleriae*: on 1 Alta, Sask [1362].
S. calamagrostidis f. sp. *koeleriae*: on 1 Sask [1362].
Stagonospora graminella: on 1 Sask [1362].

KRIGIA Schreb. COMPOSITAE

Annual or perennial herbs with milky sap native to North America. Commonly called dwarf dandelion.

Puccinia hieracii: rust, rouille: on *K.* sp. Ont [1341].

LABURNUM Medic. LEGUMINOSAE

1. *L. anagyroides* Medic., golden-chain laburnum, bois de lièvre; imported from Europe.

Articulospora tetracladia: on *L.* sp. BC [43].
Epicoccum purpurascens (E. nigrum): on *L.* sp. BC [1012].
Nectria cinnabarina (anamorph *Tubercularia vulgaris*): on 1 Nfld [336].

LACTUCA L. COMPOSITAE

1. *L. biennis* (Moench) Fern., tall blue lettuce, laitue bisanmielle; native, Yukon, BC-Nfld, Labr.
2. *L. canadensis* L., Canada lettuce, laitue du Canada; native, Man-PEI.
3. *L. sativa* L., garden lettuce, laitue; much cultivated, probably of asiatic origin. 3a. *L. s.* var. *asparagina* Bailey, celtuce; native of Eurasia.
4. *L. serriola* L. (*L. scariola* L.), prickly lettuce, laitue piquante; imported from Eurasia, natzd., BC-PEI.

Aecidium compositarum: on 2 Ont [437]. Probably a specimen of *Uromyces silphii*.
Alternaria sp. (C:145): leaf spot, tache des feuilles: on 3a BC [1816].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:145): gray mold, moisissure grise: on 3 BC [1816], Ont [1460, 1594], Que [336, 1594, 1654], NB [337], NS [333, 334, 335, 336, 338, 1594], Nfld [333, 335].
Bremia lactucae (C:145): downy mildew, mildiou: on 3 BC [1816], Que [333, 334,

335, 336, 338, 348, 1594, 1639, 1640, 1641, 1647, 1651, 1653, 1654], NS [334, 335, 336, 338, 1594].

Calyptella capula: on 4 BC [1424].

Cephalosporium sp.: on 3 Ont [202].

Erysiphe cichoracearum: powdery mildew, blanc: on 1, 4 Ont [1257].

Fusarium sp.: on 3 Ont [1461, 1594].

F. oxysporium: on 3 Ont [202].

Marssonina panattoniana (C:145): anthracnose, anthracnose: on 3 BC [1816].

Olpidium sp.: on 3 Ont [333, 334, 335, 336]. Associated with tobacco necrosis virus.

O. brassicae: on 3 BC [1977], Ont, Que [67].

Ophiobolus anguillidus: on *L.* sp. Ont [1340].

O. tanaceti: on 4 Ont [1620].

Penicillium sp.: on 3 Ont [202].

Puccinia dioicae (P. extensicola) (C:145): rust, rouille: 0 I on 2, 3 Ont [1236]; on 3 Sask [339], NS [336]; on *L.* sp. Ont [1341].

P. minussensis (C:145): rust, rouille: on 2 BC [1012].

Pythium sp.: on 3 BC [1977], Ont [335], Que [868, 1594, 1654].

P. irregulare: on 3 Ont [868].

P. sulcatum: on 3 Ont [868] inoculated.

P. sylvaticum: on 3 Ont [868].

P. torulosum: on 3 Ont [868].

Rhizoctonia sp.: on 3 BC [1818]. Reported as *Rhizoctonia* complex, but no indication was given as to the composition of the complex.

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:145): bottom rot, pourriture basale: on 3 BC [339, 1594, 1817], Ont [336], Que [333, 334, 335, 338, 339, 348, 1594, 1639, 1640, 1647, 1653, 1654], NB [336, 337], NS [334].

Sclerotinia sp.: on 3 Sask [420, 1138], Man [1138].

S. sclerotiorum (C:145): drop, affaissement sclérotique: on 3 BC [338, 339, 1594, 1816, 1817, 1818], Alta [334], Ont [1460, 1461, 1594], Que [333, 334, 335, 336, 338, 1594, 1595, 1639, 1640, 1641, 1647, 1653, 1654, 1721], NB [333, 339, 1594], NS [333, 335, 336, 337, 338, 1594], PEI [333].

Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:145): on seeds of 3 Ont [667].

Ulocladium consortiale (Stemphylium c.): on seeds of 3 Ont [667].

Verticillium albo-atrum: on seeds of 3 Ont [98].

V. dahliae (C:145): on 4 BC [38, 1816, 1978].

LAMIUM L. LABIATAE

1. *L. amplexicaule* L., henbit, pain de poule; imported from Eurasia, natzd., Mack, BC-NS, Nfld, Labr.

Peronospora lamii (C:146): downy mildew, mildiou: on 1 BC [1816].

Verticillium dahliae: on 1 BC [1816, 1978].

LAPSANA L. COMPOSITAE

1. *L. communis* L., nipplewort, herbe aux mamelles; imported from Eurasia, natzd., BC, Man-Nfld.

Puccinia lapsanae (P. variabilis var. *lapsanae)* (C:146): rust, rouille: 0 I II III on 1 BC [1012, 1816], Ont [1236].

Ramularia lapsanae (C:146): on 1 BC [1816].

LARIX Mill. PINACEAE

1. *L. decidua* Mill., European larch, mélèze d'Europe; imported from Europe.
2. *L. gmelinii* (Rupr.) Rupr., Dahurian larch; imported from Siberia.
3. *L. laricina* (DuRoi) K. Koch, tamarack, tamarac; native, Yukon-Keew, BC-Nfld, Labr.
4. *L. leptolepis* (Siebold & Zucc.) Gord., Japanese larch, mélèze du Japon; imported from Japan.
5. *L. lyallii* Parl., alpine larch, mélèze de Lyall; native, BC-Alta.
6. *L. occidentalis* Nutt., western larch, mélèze de l'ouest; native, BC-Alta.
7. *L. sibirica* Ledeb., Siberian larch, mélèze de Siberie; imported from the USSR.
8. Host species not named, i.e., reported as *Larix* sp.

Acremonium boreale: on 3 BC, Alta, Sask [1707].

Aleurodiscus spiniger (C:146): on 6 BC [964]. Lignicolous.

Alternaria sp.: on 8 NB [1032].

Amylostereum chailletii: on 3 NB [1032]; on 6 BC [1012]. See *Abies*.

Antrodia serialis (Trametes s.): on 6 BC [1012]. See *Abies*.

Armillaria mellea (C:146): root rot, pourridié-agaric: on 3, 7 NWT-Alta [1063]; on 3 Alta [53, F63], Ont [F62], NB, NS [F71], Nfld [F65, F67]; on 3, 4 Nfld [1659, 1660, 1661, F69]; on 4 Nfld [1663, F68]; on 4, 6 BC [1012, F62]; on 7 Alta [F65]; on 8 Ont [1341]. See *Abies*.

Ascocalyx abietis (anamorph *Bothrodiscus berenice*): on 3 Que [1690].

Ascotricha amphitricha: on 8 Sask [715].

Aureobasidium pullulans: on 6 BC [1012].

Botryosphaeria laricis (pycnidial anamorph a form of *Sphaeropsis sapinea)*: on 3 Que, NS [1687].

Botrytis sp.: on 1 BC [1012].

B. cinerea (holomorph *Botryotinia fuckeliana*): on 1 Que [F72].

Ceratocystis allantospora: on 3 Ont [647, 1340].

Chondrostereum purpureum (Stereum p.): on 3 NB [1032, 1036]. See *Abies*.

Cladosporium sp.: on 1 BC [1012].

Clitocybula familia: on dead trunks of 8 Que [1385].

Coccomyces cembrae (C:146): on 3 NS [1032].

C. irretitus: on 3 NS [1609].

Coniophora puteana (C:146): on 3, 6 BC [1012]. See *Picea*.

Coniothyrium sp.: on 6 BC [1012, F72].

Coriolus versicolor (Polyporus v.) (C:147): on 3 NB, NS [1032]. See *Abies*.

Corticium centrifugum: on 6 NWT-Alta [1063], BC [953]. See *Abies*.

Cytospora sp.: on 1 Ont [1340, 1827]; on 3 Ont [1340], Que [F61], PEI [1032]; on 6 BC [1012].

C. curreyi: on 6 BC [953].

C. kunzei (holomorph *Leucostoma kunzei*): on 3 Ont [1827].

Dacrymyces capitatus (D. ellisii): on 8 Que [282]. Lignicolous.

Dasyscyphus sp.: on 1 BC [1012]; on 3 Ont [1340].

D. oblongospora (C:146): on 3 NB [1032]. No doubt a *Lachnellula*.

Dermea piceina: on 8 Ont [1340].

Encoeliopsis laricina (Ascocalyx l., Crumenula l., Scleroderris l.) (anamorph *Brunchorstia laricina*): on 3 Que [F68, 1686, 1690]; on 6 BC [503, 660, 1012, 1827, F68, F69].

Endophragmia glanduliformis: on 3 Sask [1760].

Epicoccum sp.: on 6 BC [1012].

Fomitopsis cajanderi (Fomes c.): on 3, 6 NWT-Alta [1063]. See *Abies*.

F. officinalis (Fomes o.) (C:147): on 6 BC [1012]. See *Abies*.

F. pinicola (Fomes p.) (C:147): brown cubical rot, carie brune cubique: on 6 BC [1012].

F. rosea (Fomes r.): on 6 BC [1012]. See *Abies*.

Fusicoccum sp.: on 3 Ont [1340]; on 3, 8 NB, NS [1032].

Gelatinosporium griseo-lanatum: on 1 BC [517].

Gloeophyllum abietinum (Lenzites a.) (C:147): on 8 NS [1032]. Rarely recognized from North America. Perhaps only a specimen of *G. sepiarium*.

G. sepiarium (Lenzites s.) (C:147): on 3 NWT-Alta [1063]. See *Abies*.

Godronia sp.: on 6 BC [F66].

Haematostereum sanguinolentum (Stereum s.) (C:147): red heart-rot, carie rouge du sapin: on 3 BC [F74], NB, NS, PEI [F62]; on 3, 6 BC [1012]; on 3, 8 NB [1032].

Hymenochaete tabacina: on 3 Ont [1341]. See *Abies*.

Hypochnicium bombycinum (Corticium b.): on 8 NS [1032]. Lignicolous.

Hypodermella sp.: on 4 Nfld [1660, 1661].

H. laricis (C:147): needle cast, rouge: on 3 Man [F66, F68], Ont [1340, 1828, F62, F72], PEI [1032], Nfld [1659, 1660, F64, F65, F66, F67, F68, F69, F70, F71, F72, F73, F74, F75] also Man, NB, NS [F73]; on 3, 4 Nfld [1661]; on 3, 8 NB [1032]; on 5, 6 NWT-Alta [1063]; on 6 BC [953, 1012, F60, F61, F62, F64, F66, F70, F72, F74]; on 8 BC [F63, F65], Ont [1340].

Junghuhnia collabens (Poria rixosa): on 3 Ont [1004]. See *Abies*.

Lachnellula arida: on 5 NWT-Alta [1063], Alta [952].

L. flavovirens: on 6 BC [1012].

L. occidentalis (Dasyscyphus o., Lachnella o., Lachnellula hahniana) (C:146-147): on 3 Yukon [460], Ont [1828], Que [1690, F68], NS [1032]; on 5 NWT-Alta [1063], BC [1012]; on 6 Ont [398], BC [398, 1012]; on 8 Ont [1340].

L. suecica: on 3 Que [1690]; on 5 BC [1012].

L. willkommii (Dasyscyphus w., Lachnella w.): on 3 Ont [1340, F67], Que [282]. Causes European Larch Canker.

Leucostoma curreyi (Valsa c.): on 3, 6 NWT-Alta [1063].

L. kunzei (anamorph *Cytospora k.*): on 1 Ont [1828], Que [935, 936, 1210, F66]; on 3 Que [F75]; on 3, 4 Que [935, 1210].

Libertella sp.: on 8 NB [1032].

Lophodermium laricinum (C:147): on 3, 5 NWT-Alta [1063]; on 3 Mack [53, F66], BC [2005], Man [F66], Que [1377]; on 5 Alta [F62]; on 5, 6 [1012, 2005, F68]; on 6 BC [953]; on 8 NS [1032].

Macrophoma sp.: on 1 BC [1012].

Melampsora sp.: rust, rouille: on 3, 5 NWT-Alta [1063]; on 3 Mack [53], NB [F68], NS, PEI [F67, F68]; on 8 Mack, Alta [F62]; Ont [1341, F69].

M. epitea: rust, rouille: on 3 NB [1032].

M. medusae (M. albertensis) (C:147): needle rust, rouille des aiguilles: on 1, 4, 6 BC [2002] by inoculation; on 1, 3, 4, 6 BC [1012]; on 3, 8 NWT-Alta [1063], Mack [53]; on 3 Alta [F64, F66], Sask [F70], Ont [1236, F66], Que [1377, F67], NB, NS [1032, F69], PEI [F69], Nfld [1660, 1661, F71]; on 8 BC [F65], Alta [952], Ont [1236], NB [1032].

M. occidentalis: rust, rouille: on 1, 4, 6 BC [1012, 2002 inoculated]; on 8 BC [F65].

M. paradoxa (M. bigelowii) (C:147): needle rust, rouille des aiguilles: 0 I on 3 Yukon [460], Mack [53], BC [1012, F73], Sask [F66], Man [F64, F66], Ont [1236, 1341], Que [1377, F74], NB [F69, F70], NS [1032, F70], PEI [1032, F64, F69]; on 5 Alta [952, F69, F70]; on 6 BC [1012, 2007]; on 8 Yukon, Mack, BC, Alta, Sask, Man [2008] also Alta, Sask, Man [F70], Nfld [1660] and Alta [F61].

Melampsoridium betulinum (C:147): on 3 Ont [1341], Que [1377].

Moellerodiscus advenulus: on 3 Ont [422].

Mytilidion sp.: on 3 Ont [1827].

M. gemmigenum: on 6 BC [1012].

Nectria fuckeliana: on 1, 3 Que [1685] by inoculation.

Odontotrema hemisphaericum: on 3 Que [1690].

Oidiodendron tenuissimum (C:147): on 3 Sask [82].

Pestalotia laricicola: on 3 Man [F66].

Pezicula livida (anamorph *Cryptosporiopsis abietina*): on 3 Que [1690].

Phaeolus schweinitzii (Polyporus s.) (C:147): brown cubical rot, carie brune cubique: on 3 Que [1377]; on 4 Ont [F65]; on 3, 6 BC [1012].

Phellinus nigrolimitatus (Fomes n.) (C:147): on 6 BC [1012]. See *Abies*.

P. pini (Fomes p.) (C:147): red ring rot, carie blanche alvéolaire: on 3 Ont [1341, F71], Que [1377]; on 5 NWT-Alta [1063], Alta [952]; on 6 BC [1012, 1341]. See *Abies*.

P. weirii (Poria w.) (C:147): yellow ring rot, carie jaune annelée: on 6 BC [1012]. See *Abies*.

Phialophora fastigiata: on 3 Sask [279].

Pholiota alnicola (Flammula a.): on 3 BC [1012]. See *Abies*.

P. aurivella: on 3 BC [1012]. See *Abies*.

Physalospora laricis (C:147): on 3 NS [1032].

Pleurostromella sp.: on 3, 8 Ont [1827].

Pluteus tomentosulus: on 8 Que [1385]. Lignicolous.

Poria subacida: on 3 BC [1012], Que [1377]. See *Abies*.

Propolis rhodoleuca: on 8 Ont [1340]. Probably a form of *P. versicolor*.

Puccinia bolleyana: rust, rouille: on 3 Ont [F73]. A misdetermination, this rust occurs on *Carex*.

Resinicium bicolor (Odontia b.) (C:147): white stringy rot, carie blanche filandreuse: on 2 BC [F62].

Sarcotrochila alpina: on 5 BC [1012, 2005]; on 6 BC [1012, F71].

Sclerophoma pithyophila: on 1 BC [F65, F67]; on 3 Man [F67].

Scoleconectria cucurbitula: on 1 Ont [1340]; on 3 Ont [F70].

Scytinostroma galactinum: on 6 BC [1012]. See *Abies*.

Sirodothis sp.: on 3 Yukon [460].

Sistotrema brinkmannii (Trechispora b.): on 8 NB [1032]. See *Abies*.

Sphaeropsis sapinea (Macrophoma s.) (holomorph *Botryosphaeria laricis*): on 1, 3 Que [1687] by inoculation.

Sporidesmium achromaticum: on 3 Sask [1760].

Sydowia polyspora (anamorph *Sclerophoma pithyophila*): on 1 BC [1012], Que [F68]; on 1, 3 Que [1686].

Tomentella griseoumbrina: on 8 Ont [1341, 1828].

Trichaptum abietinus (Hirschioporus a., Polyporus a.) (C:147): pitted sap rot, carie blanche du l'aubier: on 3, 6 NWT-Alta [1063]; on 6 BC [953, 1012].

T. laricinus (Hirschioporus l.): on 3 Que [1028]. See *Abies*.

Trichothecium roseum: on 3 Man [1760].

Tryblidiopsis picea: on 1 Que [1690].

Tympanis abietina: on 1, 3 Que [1688], on 1 by inoculation.

T. alnea (anamorph *Sirodothis inversa*): on 3 Que [1221]. An unusual report on a coniferous host.

T. confusa: on 3 Que [1688] by inoculation.

T. hansbroughiana: on 1, 3 Que [1688], on 1 by inoculation.

T. hypopodia (T. piceina): on 3 Que [1688] by inoculation.

T. laricina (anamorph *Sirodothis* sp.) (C:147): on 1 BC [1012], Que [1688] by inoculation; on 3 Yukon [460], Sask [F67], Ont [F66], Que [1688]; on 6 BC [1012]; on 8 BC, Alta, Man, Que [1221].

T. pithya: on 3 Que [1688] by inoculation.

T. rhabdospora: on 8 Que [1221].

T. truncatula: on 3 Que [1688] by inoculation; on 8 Ont, Que [1221].

T. tsugae: on 3 Que [1688] by inoculation.

Tyromyces placenta (Poria p.): on 3 Ont [1341]. See *Pinus*.

T. sericeomollis: on 6 BC [1012]. See *Abies*.

Valsa abietis: on 1, 3 Que [1689] by inoculation; on 3 Yukon [460].

V. friesii (anamorph *Cytospora dubyi*): on 1, 3 Que [1689], on 1 by inoculation.

Vararia granulosa: on 6 BC [557]. See *Abies*.

V. racemosa: on 6 BC [557]. Lignicolous.

LATHYRUS L. LEGUMINOSAE

1. *L. latifolius* L.; from Europe, garden-escape, BC, Ont-Que.
2. *L. nevadensis* Wats. (*L. nuttallii* Wats.); native, BC. The BC material is referable to ssp. *lanceolatus* (Howell) Hitchc. var. *pilosellus* (Peck) Hitchc.
3. *L. ochroleucus* Hook., pale vetching, gesse jaunâtre; native, Mack, BC-Que.
4. *L. odoratus* L., sweet pea, pois de senteur; imported from Italy.
5. *L. palustris* L., vetchling, gesse palustre; native, Yukon, BC-Nfld. 5a. *L. p.* var. *myrtifolius* (Muhl.) Gray; native, Ont-NS.
6. *L. sylvestris* L., everlasting pea, gesse des bois; imported from Eurasia, a garden escape BC, Ont-PEI.
7. Host species not named, i.e., reported as *Lathyrus* sp.

Acremonium boreale: on 7 BC, Alta, Sask [1707].

Aphanomyces euteiches: root rot, pourridié: on 4 Alta [334].

Ascochyta pinodella: on 7 Ont, Que [1898].

A. pisi (C:147): leaf spot, ascochytose: on 5, 6 BC [1816].

Cladosporium macrocarpum: on 7 Man [1760].

Erysiphe communis (E. polygoni) (C:148): powdery mildew, blanc: on 4 BC [1816], Man [334], Que [333].

Fusarium sp. (C:148): root rot or wilt, pourridié fusarien: on 4 Sask [339], Man [335], Ont [1594], Nfld [334].

Microsphaera penicillata (M. alni) (C:148): powdery mildew, blanc: on 3 Alta, Sask, Ont [1257]; on 5 Ont [1257]; on 7 Ont [1340].

M. penicillata var. *ludens*: on 1, 3, 4 Man [884]. On 3, 4 by inoculation. These hosts may provide inoculum for infection of cultivated fields of *Vicia faba*.

Mycosphaerella tassiana (C:148): on 4 BC [1816].

Peronospora lathyri-palustris (C:148): downy mildew, mildiou: on 2 BC [1816].

Ramularia deusta (C:148): ramularia leaf spot, tache ramularienne: on 4 BC [1816].

Septoria astragali (C:148): on 3 BC [1816].

S. lathyri (C:148): on 7 BC [1012, 1816].

S. pisi: on 7 Ont, Que [1898].

Uromyces orobi: on 3 Ont [437]. Probably a specimen of *U. viciae-fabae*.

U. viciae-fabae (U. fabae) (C:148): rust, rouille: 0 I II III on 2, 5 BC [1012, 1816]; on 3, 5a Ont [1236]; on 7 Ont [1341].

Verticillium dahliae: on 4 BC [336, 1816, 1978].

LAVANDULA L. LABIATAE

1. *L. angustifolia* Mill., English lavender, lavande commune; imported from Mediterranean region. 1a. *L. a.* ssp. *angustifolia* (*L. officinalis* Chaix).

Septoria lavandulae (C:148): leaf spot, tache des feuilles: on 1a BC [1816].

LEDUM L. ERICACEAE

1. *L. glandulosum* Nutt., trapper's tea; native, BC-Alta.
2. *L. groenlandicum* Oed., Labrador tea, thé du Labrador; native, Yukon-Keew, n. Que-Labr, BC-Nfld. Some records on *L. glandulosum* may be included under this name.
3. *L. palustre* L.; native, Yukon-Labr, BC-Que. Represented in North America mostly by *L. p.* var. *decumbens* Ait. (*L. decumbens* (Ait.) Lodd. ex Steud.).
4. Host species not named, i.e., reported as *Ledum* sp.

Ampulliferina persimplex: on 2 Sask, Man [1755, 1760].

Chrysomyxa ledi (C:148): rust, rouille: II III on 1 BC [953], Alta [950, F66]; on 2 NWT-Alta [1063], Mack, Alta [F62], BC [644], Alta [53, 644, 951], Sask [F67, F68], Man [F67], Ont [1341, F66], Que [1377, P67]; on 4 BC [953, 954, F72, F73], Alta [951], Ont [F76].

C. ledi var. *ledi* (*C. l.* var. *glandulosi, C.l.* var. *groenlandici*) (C:148, 149): rust, rouille: II III on 1, 2, 3 BC [1012]; on 1, 2 BC [1816]; on 2 Ont [1236]; on 3 Yukon [460]; on 4 Yukon, NWT, BC, Alta, Sask, Man [2008]. The alternate host is *Picea* spp.

C. ledicola (C:149): rust, rouille de l'épinette: II III on 1, 2 NWT-Alta [1063]; on 2 Mack [F65, F66], Mack, Alta [53, F62], BC [1816], Alta [560, 644, 1724], Sask, Man, Que [F67], Ont [1236, 1341, F63, F66], Que [282, 1341, 1377], NB [F68], NB, NS, PEI [1032]; on 2, 3 Yukon [460], BC [953, 1012]; on 2, 4 BC [954], Alta [951, 952]; on 3 Mack [53], Frank [1244], Que [1236]; on 4 Yukon, Mack, BC, Alta, Sask, Man [2008], BC [953, F72, F73], Ont [F76].

C. woroninii (C:149): rust, rouille de l'épinette: III on 2 Yukon [1402, F62, F69], BC [1816]; on 2, 3 Yukon [460], Mack [53, F66], BC [1012]; on 3 Que [1236]; on 4 Yukon, Mack, BC [2008], Yukon, BC [F60].

Coccomyces ledi: on 4 NWT, BC, Man [1609].

Elsinoe ledi (C:149): on 2 Ont [1340].

Encoeliopsis ledi: on 2 BC [644], Que [660]; on 4 Ont [660].

Exobasidium sp.: on 2 NWT-Alta [1063], Mack [53].

E. vaccinii (C:149): on 2 BC [1012].

E. vaccinii var. *vaccinii*: on 2 BC [644, 1816].

E. vaccinii-uliginosi (C:149): on 4 Que [1385].

Gibberidea rhododendri: on 2 Que [763].

Godronia cassandrae (anamorph *Fusicoccum putrefaciens*): on 2 Que [1678].

G. cassandrae f. *cassandrae*: on 2 Que [1525].

Lophodermium sphaeroides (C:149): on 2 Mack [53], Alta [F64], Man [F66], Ont [1340]; on 3 NWT-Alta [1063].

Mycosphaerella sp.: on 2 Nfld [1660].

Protoventuria ledi (Antennularia l.): on 2 Que [73].

Pseudophacidium ledi: on 2 Que [1685].

Pycnostysanus azaleae: on 2 Sask [1760].

Rhytisma sp.: on 1 BC [1012].

Seimatosporium ledi: on 2 BC [1012] and on living leaves [1359].

S. lichenicola (holomorph *Discostroma corticola*): on 2 Que [1359].

LEERSIA Sw. GRAMINEAE

1. *L. oryzoides* (L.) Swartz, rice cutgrass, léersie faux-riz; native, BC, s. Man-PEI.

Drechslera tritici-repentis (holomorph *Pyrenophora t.*) (C:149): on 1 Ont [1611].

LENS Mill. LEGUMINOSAE

Herbs of the Mediterranean region and w. Asia. One species is cultivated for its seeds which are used as food and forage.

1. *L. culinaris* Medic., lentil, lentille; imported from sw. Asia.

Alternaria sp.: on 1 Sask [1095, 1097].

Ascochyta sp.: on 1 Sask [1141].

Botrytis sp.: on 1 Sask [1139].

B. cinerea (holomorph *Botryotinia fuckeliana*): on 1 Sask [1095, 1097].
Cladosporium sp.: on 1 Sask [1097].
Fusarium sp.: on 1 Sask [1095, 1139].
F. roseum: on 1 Sask [1097].
Rhizoctonia sp.: on 1 Sask [1095, 1097, 1139].
Sclerotinia sp.: on 1 Sask [420, 1095, 1138], Man [1138].
S. sclerotiorum: on 1 Sask [1097].

LEONTODON L. COMPOSITAE

Low, stemless perennials native in Eurasia but naturalized in North America.

Puccinia hieracii (C:149): rust, rouille: 0 I II III on *L.* sp. Ont [1236].

LEONURUS L. LABIATAE

Biennial or perennial herbs of temperate Europe and Asia.

1. *L. cardiaca* L., motherwort, agripaume cardiaque; imported from Eurasia, introduced, BC, Sask-PEI.

Ascochyta leonuri: on leaves of 1 Ont [440].
Sphaerotheca fuliginea: powdery mildew, blanc: on 1 Que [1257].

LEPIDIUM L. CRUCIFERAE

1. *L. perfoliatum* L., clasping pepperweed; imported from Eurasia, introduced, BC-Sask, Ont-Que.

Albugo candida (A. cruciferarum) (C:149): white rust, albugine: on *L.* sp. Sask [1319, 1323].
Alternaria brassicae: on *L.* sp. Sask [339].
A. raphani: on *L.* sp. Sask [339].
Colletotrichum dematium: on *L.* sp. Sask [1319].
Verticillium dahliae: on 1 BC [1816, 1978].

LEPTARRHENA R. Br. SAXIFRAGACEAE

1. *L. pyrolifolia* (Don) Ser.; streambanks and wet meadows to moist alpine and subalpine slopes, Yukon, BC, sw. Alta.

Pseudomassaria occidentalis: on 1 BC [71].

LESPEDEZA Michx. LEGUMINOSAE

1. *L. capitata* Michx.; native, s. Ont.
2. *L. hirta* (L.) Hornem.; native, s. Ont.
3. *L. intermedia* (Wats.) Britt.; native, s. Ont.

Cercospora latens (C. lespedezae): on leaves of 1 Ont [440].
Microsphaera diffusa: powdery mildew, blanc: on 1, 2, *L.* sp. Ont [1257].
Uromyces lespedezae-procumbentis (C:149): rust, rouille: II III on 1, 2, 3, *L.* sp. Ont [1236].

LEWISIA Pursh PORTULACACEAE

1. *L. rediviva* Pursh, bitter root, racine amère; native, BC.

Uromyces unitus ssp. *unitus* (C:150): rust, rouille: on 1 BC [1012, 1816].

LEYMUS Hochst. GRAMINEAE

See discussion of generic circumscriptions under *Agropyron*. The following species have been segregated from *Elymus*.

1. *L. angustus* (Trin.) Pilger *(Elymus a.* Trin.*)*, altai wild rye; imported from USSR.
2. *L. cinereus* (Scribn. & Merr.) A. Löve *(Elymus c.* Scribn. & Merr., *E. piperi* Bowden*)*; native, BC-Sask.
3. *L. condensatus* (Presl) A. Löve *(Elymus c. Presl)*, grant wild rye; native to California. Canadian reports are probably *L. cinereus*.
4. *L. inovatus* (Beal) Pilger *(Elymus i.* Beal*)*, fuzzy wild rye, élyme; native, BC-Ont.
5. *L. mollis* (Trin.) Pilger *(Elymus m.* Trin.*)*, sea lyme grass, siegle de mer; native, Yukon-Labr, BC-Nfld. 5a. *L. m.* ssp. *mollis* var. *mollis* f. *mollis (Elymus arenarius* var. *villosus* Mey.*)*; native, Mack-Labr, BC-Nfld. 5b. *E. m.* ssp. *villosissimus* (Scribn.) ined. *(Elymus m.* ssp. *v.* (Scribn.) Löve*)*; native, Keew-n. Que.

Bipolaris sorokiniana (Helminthosporium sativum) (holomorph *Cochliobolus sativus*) (C:106): on 1, 2 Alta [133].
Cladosporium herbarum: on 5 BC [1012].
Claviceps purpurea (C:106): ergot, ergot: on 4 Alta [1594]; on 5 BC [1729]; on 5a BC [1816], Man, Que [666].
Erysiphe graminis (C:106): powdery mildew, blanc: on 1, 2 Alta [133]; on 2 BC [1257].
Lophodermium arundinaceum (C:106): on 5 BC [1012, 1816], Keew [437].
L. arundinaceum var. *alpinum* (C:106): on 5b Frank [1543].
Pleospora affin. *herbarum* (C:107): on 5b Frank [1543].
Pseudoseptoria stomaticola (Selenophoma donacis) (C:107): on 2 BC [1728].
Puccinia coronata (C:107): crown rust, rouille couronée: on 4 BC [1012], Alta [644, 1839].
P. montanensis (C:107): rust, rouille: on 2 BC [1012]; on 3 BC [1816].
P. impatienti-elymi (P. recondita in part*)* (C:107): leaf rust, rouille des feuilles: on 5 BC [1729]. See comment under *Elymus*.

Pyrenophora tritici-repentis: on 4 Sask [1594].
Septoria infuscans: on 2 BC [1728].
Stagonospora avenae f. sp. *triticea* (*Septoria a.* f. sp. *triticea*) (holomorph *Phaeosphaeria avenaria* f. sp. *triticea*) (C:107): on 5 BC [1729].

LIATRIS Schreber COMPOSITAE

1. *L. aspera* Michx.; native, sw. Ont.
2. *L. cylindracea* Michx.; native, s. Ont.

Puccinia liatridis (C:150): rust, rouille: 0 I on 1, 2 Ont [1236].

LIGUSTICUM L. UMBELLIFERAE

1. *L. canbyi* C. & R.; native, BC.
2. *L. scothicum* L., Scotch lovage, livêche écossaise; native, BC, Ont-Nfld, Labr.

Puccinia ligustici (C:150): rust, rouille: III on 1 BC [1551]; on 2 Que [1236, 1551].
Ramularia terrae-novae: on 2 Nfld [1551].
Septoria levistici (C:150): on 2 NB, NS [1551].
Uromyces lineolatus ssp. *nearcticus*: rust, rouille: on 2 Que, PEI [1559].

LIGUSTRUM L. OLEACEAE

1. *L. amurense* Carrière, Amur privet, troène de l'Amour; imported from n. China.
2. *L. vulgare* L., common privet, troène commun; imported from Europe, natzd., BC, Ont, NS, Nfld.

Cercosporella howittii (C:150): leaf spot, tache des feuilles: on 2 BC [1816].
Glomerella cingulata (anamorph *Colletotrichum gloeosporioides*) (C:150): anthracnose, anthracnose: on 1 Ont [337].
Microsphaera penicillata (C:150): powdery mildew, blanc: on 2 Ont [1257].
Nectria cinnabarina (anamorph *Tubercularia vulgaris*) (C:150): on *L.* sp. NB [1032].

LILIUM L. LILIACEAE

1. *L. amabile* Palib.; imported from Korea.
2. *L. auratum* Lindl., golden-banded lily, lis doré du Japon; imported from Japan.
3. *L. canadense* L., Canada lily, lis du Canada; native, Ont-NS.
4. *L. candidum* L., Madonna lily, lis blanc; imported from Europe.
5. *L. columbianum* Hanson ex Bak. (*L. parviflorum* (Hook.) Holz.), Columbia lily; native, BC.
6. *L. davidii* Duchartre ex Elwes; imported from China. 6a. *L. d.* var. *wilmottiae* (E.H. Wils.) Raffill (*L. wilmottiae* E.H. Wils.).
7. *L. hansonii* Leichtl. ex D.D.T. Moore, Japanese Turk's Cap; imported from Japan and Korea.
8. *L. humboldtii* Roezl & Leichtl. ex Duchartre, Humboldt lily; imported from California.
9. *L. lancifolium* Thunb. (*L. tigronum* Ker-Gawl), tiger lily, lis tigré; imported from China, Korea and Japan.
10. *L. longiflorum* Thunb., Easter lily, lis à longues fleurs; imported from Japan.
11. *L. martagon* L., martagon lily, lis martagon; imported from Eurasia.
12. *L. michiganense* Farw., Michigan lily; native, Man-Ont.
13. *L. pardalinum* Kellogg, leopard lily; imported from w. USA.
14. *L. philadelphicum* L., wood lily, lis de Philadelphie; native, BC-Que. 14a. *L. p.* var. *andinum* (Nutt.) Ker-Gawl., western orange-cup lily; native, BC-Que.
15. *L. pumilum* Delile (*L. tenuifolium* Fisch.), coral lily; imported from Siberia and China.
16. *L. regale* E.H. Wils., regal lily, lis royal; imported from w. China.
17. *L. speciosum* Thunb., showy lily; imported from Japan.
18. *L. superbum* L., Turk's-cap lily, superbe; native, e. USA.
19. Host species not named, i.e., reported as *Lilium* sp.

Aecidium sp.: on 5 BC [1012, 1816].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:151): gray mold, moisissure grise: on 16 NS [336]; on 19 BC, Ont [1545], Sask [336].
B. elliptica (C:151): blight, brûlure botrytique: on 1, 6a, 15, 19 Sask [339]; on 4, 8, 10, 16, 17 BC [1816]; on 9 Que [333]; on 16 NS [334, 336]; on 19 Alta [339, 1594], Sask [336], Que, NS [335].
Cercosporella inconspicua (C:151): leaf spot, tache ovale: on 14a Alta [1545]; on 19 Man [1545].
Colletotrichum dematium (*Vermicularia liliacearum*) (C:151): on 19 Sask [1712, 1713].
C. gloeosporioides (holomorph *Glomerella cingulata*): on 19 Sask [338].
Cylindrocarpon destructans (*C. radicicola*) (C:151): root rot, chancre des racines: on 19 Sask [338, 1712, 1713].
Fusarium sp. (C:151): on 19 Sask [1712].
F. oxysporum f. sp. *lilii* (C:151): on 19 BC [1594, 1713].
Leptosphaeria lilii: on leaves of 18 Ont [439].
Mycosphaerella allicina: on 14 Alta [1880].
Penicillium sp.: on 19 Sask [1713].
Phyllosticta sp.: on 19 BC [1012].
P. lilii: on leaves of 18 Ont [439]. Apparently a species of *Coniosporium*.

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*): on 19 Sask [338, 1712], Ont [338].
Rhizopus sp.: on 2 BC [1816].
Uromyces holwayi (C:151): rust, rouille: 0 I II III on 3, 18, 19 Ont [1236, 1545]; on 5 BC [1012]; on 5, 10, 13 BC [1816]; on 5, 13, 14 BC [1545]; on 9 Ont [1341]; on 12 Ont [1236].

LIMONIUM Mill. PLUMBAGINACEAE

1. *L. carolinianum* (Walt.) Britt. (*L. nashii* Small), sea lavender, lavande de mer; native, Que-Nfld.
2. *L. latifolium* (Sm.) O. Kuntze, wide-leaved sea lavender, slatice à larges feuilles; imported from Canary Islands.
3. *L. vulgare* Mill., Mediterranean sea lavender, saladell; imported from Mediterranean.

Uromyces limonii (C:151): rust, rouille: 0 I II III on 1 BC [1816]; on 3 Ont [1236].
U. limonii-caroliniani (C:151): rust, rouille: on 2 Que [282].

LINARIA Mill. SCROPHULARIACEAE

1. *L. vulgaris* Mill., butter-and-eggs, gueule de lion; imported from Eurasia, natzd., Mack, BC-Nfld.

Alternaria fallax (Macrosporium f.): on 1 Ont [195].
Ophiobolus rubellus: on 1 Ont [1620].

LINNAEA Gronov. CAPRIFOLIACEAE

1. *L. borealis* L., twinflower, linnée boréale; native, Yukon-Keew, n. Que-Labr, BC-Nfld. 1a. *L. b.* var. *longiflora* Torr. (*L. b.* var. *americana* (J. Forbes) Rehd.); range of species.

Ceramothyrium linnaeae: on 1a Ont [798].
Gnomonia linnaeae: on 1a Que [79].
Metacoleroa dickiei (Gibbera d., Venturia d.) (C:152): on 1 Yukon, BC, Alta, Man, Ont, Que [306], Yukon [460], BC [1012], Alta [644], Ont [1340]; on 1a Mack, Alta [53], BC, Ont, Que [73], Que [70].
Mycosphaerella linnaeae: on overwintered leaves of 1a Quebec [144].
Phylleutypa wittrockii: on 1 BC [644, 1012]; on 1a BC [1816].
Thelephora terrestris: on 1 BC [1012]. See *Pinus*.

LINUM L. LINACEAE

1. *L. perenne* L., perennial flax, lin vivace; Yukon-Frank, BC-Que. 1a. *L. p.* var. *lewisii* (Pursh) Eat. & Wright (*L. lewisii* Pursh), wild blue flax, lin de Lewis; range of species. 1b. *L. p.* var. *lewisii* f. *lepagei* (Boivin) Lepage (*L. lepagei* Boivin); native, Man-Ont.
2. *L. rigidum* Pursh, yellow flax; native, Alta-Man.
3. *L. usitatissimum* L., common flax, lin; imported from Eurasia, escaped from cultivation. Mack, BC-Nfld.
4. Host species not named, i.e., reported as *Linum* sp.

Alternaria alternata: on 3 Man [1114].
A. brassicae: on seeds of 3 Alta, Sask [1314].
A. linicola (C:152): brown stem blight, alternariose: on 3 Alta [1314] on seeds, Sask [336, 1314 on seeds, 1594]; on 4 Sask [333].
A. raphani: on seeds of 3 Alta, Sask [1314].
Aspergillus sp.: on seeds of 3 Man [1894].
A. candidus: on 3 Man [1114].
A. glaucus group: on 3 Man [1114].
Aureobasidium lini (Polyspora l.) (C:153): browning and stem break, oxychromose: on 3 Alta [721], Sask [339, 1314].
Bipolaris sorokiniana (holomorph *Cochliobolus sativus*) (C:152): on 3 Man [1114].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:152): on seeds of 3 Alta, Sask [1314].
Cephalosporium acremonium: on 3 Man [1114]. See comment under *Avena*.
Cladosporium cladosporioides (C:152): on 3 Man [1114].
Diplogelasinospora princeps: on 4 Ont [208].
Embellisia chlamydospora (Pseudostemphylium c.): on 4 Sask [1618, 1657, 1760].
Epicoccum purpurascens (E. nigrum) (C:152): on 3 Man [1114].
Fusarium spp. (C:153): on 3 Man [1114]; on 4 Sask [333, 1864].
F. acuminatum (C:153): on 3 Man [1114].
F. avenaceum (C:153): on 3 Man [1114].
F. oxysporum (C:153): on 3 Man [1114].
F. oxysporum f. sp. *lini* (C:153): wilt, flétrissure fusarienne: on 3 Alta [223, 334], Sask [338], Ont [337], Que [337, 870]; on 4 Sask, Que [975].
F. oxysporum var. *redolens* (C:153): on 4 Man [333].
F. poae (C:153): on 3 Man [1114].
F. roseum: on seeds of 3 Alta, Sask [1314].
F. sacchari: on 3 Man [1114].
F. sambucinum: on 3 Man [1114].
F. sporotrichioides: on 3 Man [1114].
F. sulphureum: on 3 Man [1114].
F. tricinctum: on 3 Man [1114].
Gonatobotrys simplex (C:152): on 3 Man [1114].
Melampsora lini (C:153): rust, rouille: 0 I II III on 1a Yukon [460], BC [226, 1012]; on 1a, 3 BC [1816]; on 1b, 3 Ont [1236]; on 2, 4 NWT-Alta [1063]; on 3 Alta [223, 640], Alta, Sask [334, 757],

Sask [336], Sask, Man [338, 2011], Man [335, 338, 751, 757, 1595]; on 4 Mack [53], Sask, Man [756], Man [755, 1838, 1840].

Microascus cirrosus: on 4 Ont [86].

Mucor sp.: on 3 Man [1114].

Paecilomyces variotii (C:152): on seeds of 3 Ont [150].

Penicillium sp.: on 3 Man [1114] and on seeds [1894].

Phoma medicaginis: on 3 Sask [920].

Pythium sp. (C:153): seedling blight and root rot, brûlure des semis et pourridié pythien: on 3 Alta, Man [338].

P. ultimum (C:154): seedling blight and root rot, brûlure des semis et pourridié pythien: on 4 Sask [333, 1864].

Rhizoctonia spp.: on 3 Alta [338, 1594], Sask [1594], Man [338].

R. solani (R. praticola) (holomorph *Thanatephorus cucumeris*) (C:154): on 3 BC, Alta [334], Sask [336], Que [337]; on 4 Sask [333, 1864], Man [333].

Rhizopus arrhizus: on 3 Man [1114].

Sclerotinia spp.: on 3 Sask [420, 1138], Man [1138].

Selenophoma sp.: on 1a Sask [1323]. Possibly a specimen of *Selenophoma linicola*.

Septoria linicola (holomorph *Mycosphaerella linorum*): on 3 BC [1816], Sask [337, 339], Man [335, 338], Ont [336], Que [337]; on 4 Man [1507].

Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:154): on seeds of 3 Ont [667].

Thanatephorus cucumeris (Pellicularia praticola) (anamorph *Rhizoctonia solani*) (C:153): seedling blight and root rot, brûlure des plantules et pourriture des racines: on 3 BC [1816], Sask [1874].

LIQUIDAMBAR L. HAMAMELIDACEAE

1. *L. styraciflua* L., sweet gum, copalme d'Amérique; s. Ont.

Nectria cinnabarina (anamorph *Tubercularia vulgaris*): on *L.* sp. Ont [336].

Phomopsis sp.: on 1 BC [1012].

LIRIODENDRON L. MAGNOLIACEAE

1. *L. tulipifera* L., tulip tree, tulipier de Virginie; s. Ont.

Phyllactinia guttata: powdery mildew, blanc: on 1 Ont [1257].

Trichothecium roseum (C:154): on 1 Ont [1340]; on *L.* sp. Ont [F60].

LITHOPHRAGMA (Nutt.) Torr. & Gray SAXIFRAGACEAE

1. *L. parviflora* (Hook.) Nutt., fringe-cup; native, BC-Alta.

Puccinia lithophragmae: rust, rouille: on 1 BC [1560].

LLOYDIA Salisb. ex Reichb. LILIACEAE

1. *L. serotina* (L.) Rchb., alpine lily; native, Yukon-Mack, BC.

Puccinia kukkonenis (C:154): rust, rouille: on 1 Yukon [1545].

LOBELIA L. LOBELIACEAE

1. *L. siphilitica* L., blue cardinal flower, cardinale bleue; native, Man-Ont.

Puccinia lobeliae (C:154): rust, rouille: III on 1 Ont [1236].

LOLIUM L. GRAMINEAE

1. *L. multiflorum* Lam., Italian rye grass, ivraie d'Italie; imported from Europe, natzd., Yukon, BC, Sask-Nfld.
2. *L. perenne* L., common darnel, ivraie vivace; imported from Eurasia, natzd., BC-Nfld.

Bipolaris sorokiniana (holomorph *Cochliobolus sativus*) (C:155): on 2 Alta [120] by inoculation.

Claviceps sp.: on 2 Ont [1781].

C. purpurea (C:155): ergot, ergot: on 1, 2 BC [1816]; on 2 NB [333, 1195].

Drechslera siccans (C:155): leaf blight, brûlure drechsleréenne: on 1, 2, *L.* sp. Ont [1611].

Ligniera pilorum: on 1 Ont [60].

Puccinia coronata (C:155): crown rust, rouille couronnée: II III on 1, 2 BC [1816]; on 2 Que [1236].

Ramularia pusilla (C:155): eye spot, tache ocellée: on 1, 2 BC [1816].

Rhizophydium graminis: on 2 Ont [59].

Rhynchosporium secalis (C:155): scald, tache pâle: on 2 BC [1816].

Sclerotinia borealis (C:155): snow mold, moisissure nivéale: on 2 BC [1816].

LOMATIUM Raf. UMBELLIFERAE

1. *L. ambiguum* (Nutt.) Coult. & Rose; native, BC.
2. *L. brandegei* (Coult. & Rose) Macbr.; native, BC.
3. *L. dissectum* (Nutt.) Mathias & Const.; native, BC-Sask. 3a. *L. d.* var. *multifidum* (Nutt.) Mathias & Const. (*Leptotaenia multifida* Nutt.); BC-Alta.
4. *L. geyeri* (Wats.) Coult. & Rose; native, BC-Man.
5. *L. macrocarpum* (Hook. & Arn.) Coult. & Rose; native, BC-Man.
6. *L. martindalei* Coult. & Rose; native, BC. Most Canadian material is referable to *L. m.* var. *angustatum* Coult. & Rose.
7. *L. triternatum* (Pursh) Coult. & Rose, bush parsnip; native, BC-Alta.

8. *L. utriculatum* (Nutt.) Coult. & Rose, spring gold; native, BC.

Euryachora sp.: on 3 BC [1012].
Pollaccia peucedani (Asperisporium p.): on 2, 6 BC, on 5 Alta [1551].
Puccinia jonesii ssp. *asperior (P. asperior)* (C:155): rust, rouille: on 1, 3, 4, 5, 7, 8 BC [1551]; on 3a BC [1816].
P. jonesii ssp. *jonesii*: rust, rouille: on 3a BC [1012]; on 3 Alta and on 3, 4, 5 BC [1551].
P. jonesii ssp.: rust, rouille: on 3, 5 BC [1551]. Intermediate between ssp. *jonesii* and *asperior*.

LONICERA L. CAPRIFOLIACEAE

1. *L. canadensis* Bartr., fly-honeysuckle, chèvrefeuille du Canada; native, Ont-PEI.
2. *L. ciliosa* (Pursh) Poir., western trumpet honeysuckle; native, BC.
3. *L. dioica* L., climbing honeysuckle, chèvrefeuille dioique; native, Mack, BC-Que. 3a. *L. dioica* var. *glaucescens* (Rydb.) Butters (*L. glaucescens* (Rydb.) Rydb.), orange honeysuckle, chèvrefeuille gris-bleuâtre; native, Mack, BC-Que.
4. *L. hirsuta* Eat., hairy honeysuckle, chèvrefeuille hirsute; native, Ont-Que.
5. *L. hispidula* Dougl. ex Torr. & Gray; native, BC.
6. *L. involucrata* (Richardson) Banks, black twinberry, chèvrefeuille involucrés; native, BC-NB.
7. *L. oblongifolia* (Goldie) Hook., swamp fly-honeysuckle, chèvrefeuille à feuilles oblongues; native, Sask-NS.
8. *L. periclymenum* L., woodbine, chèvrefeuille des bois; imported from Europe, a garden escape, BC, Ont, NS and Nfld.
9. *L. tatarica* L., Tatarian honeysuckle, chèvrefeuille de Tartarie; imported from Eurasia, a garden escape, Alta-NS.
10. *L. utahensis* S. Wats., red twinberry, chèvrefeuille de l'Utah; native, BC-Alta.
11. Host species not named, i.e., reported as *Lonicera* sp.

Ascochyta sp. (C:156): leaf and twig blight, brûlure des feuilles et ramilles: on 11 BC [333].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:156): gray mold, moisissure grise: on 11 NB [333, 1032, 1194].
Cercospora antipus (C:156): leaf spot, tache cercosporéenne: on 2 BC [1012, 1816]; on 11 Sask [F66].
C. periclymeni: on 2 BC [1012].
Diaporthe eres: on 6 Ont [1340].
Diplodia lonicerae: on 9 Que [338].
Glomopsis lonicerae (Glomerularia l.) (holomorph *Herpobasidium deformans*): on 9 Ont, Que [1760]; on 11 NS [1594].
Herpobasidium deformans (anamorph *Glomopsis lonicerae*) (C:156): leaf blight, brûlure des feuilles: on 1 NS [1032]; on 9 Ont [333], Que [335, 336, 337, 338], NB [336]; on 11 NWT-Alta [1063], Alta [F65], Que [334, 335, 339, F65].
Hyponectria lonicerae (Guignardia l.): on 5 BC [1012]; on 7 Ont [77].
Kabatia lonicerae: on 1, 7, 11 Ont [1340]; on 11 Ont [F65].
K. lonicerae var. *americana* (C:156): leaf spot, tache ponctuée: on 1 Que [282].
K. lonicerae var. *involucrata* (C:156): leaf spot, tache ponctuée: on 6 BC [1816], Alta [644].
K. lonicerae var. *periclymeni*: leaf spot, tache ponctuée: on 10 BC [1816].
K. mirabilis var. *oblongifoliae* (C:156): causing leaf lesions on 7 Ont [1763].
Lasiobotrys lonicerae: on 3a BC [644, 953].
Lophium crenatum: on 6 Ont [1340]. The validity of this combination could not be confirmed.
Microsphaera penicillata (M. alni) (C:156): powdery mildew, blanc: on 1, 3, 4, 11 Ont, Que [1257]; on 5 BC [1012]; on 5, 6, 8 BC [1816]; on 6, 9 Ont [1257]; on 9, 11 Sask, Man [1257]; on 11 BC [1257], Ont [1340], NB [1194].
M. penicillata var. *lonicerae* (C:156): powdery mildew, blanc: on 9 Man [884], Ont [333, 336], Que [336, 337]; on 11 Ont [334], Que, NB [333].
Mycosphaerella minor (C:156): on 1 Que [70].
Mycovellosiella nopomingensis: on 3a, 11 Sask, Man [1760].
Ophiobolus minor (C:156): on 6 BC [1620].
Phellinus ferreus (Poria f.) (C:156): on 2 BC [1012, 1816]. See *Acer*.
Pseudospiropes saskatchewanensis: on 3a Sask [1760].
Stereum sp.: on 2 BC [1012]. Lignicolous.
Verticillium sp.: on 11 Ont [96, 97].
V. albo-atrum: on 11 Ont [38, 98].

LOTUS L. LEGUMINOSAE

1. *L. corniculatus* L., birdsfoot-trefoil, patte d'oiseau; imported from Eurasia, introduced, BC-Alta, Man-NS, Nfld.
2. *L. pedunculatus* Cav. (*L. uliginosus* Schk.); introduced from Eurasia, s. BC, Sask, Ont-Que, NS.

Acremomium boreale: on 1 BC, Alta, Sask [1707].
Alternaria sp.: on 1 Alta [132].
Fusarium sp.: on 1 Alta [132].
Gliocladium sp.: on 1 Alta [132].
Papulaspora sp.: on 1 Alta [132].
Penicillium sp.: on 1 Alta [132].
Phoma sp. (C:156): leaf and stem spot, tache de la tige et des feuilles: on 1 BC [1816], Alta [132].
P. sclerotioides (Plenodomus meliloti): on 1 Alta [128].
Pyrenochaeta sp.: on 1 Alta [132].

Rhizopus sp.: on 1 Alta [132].
Sclerotinia trifoliorum (C:156): wilt, fletrissure sclerotique: on 1 BC [1816], Que [63, 391]; on 2, *L.* sp. Que [63] by inoculation.
Stemphylium loti: stemphylium leaf spot, tache stemphylienne: on 1 Alta [132, 1594], Que [32, 339].
Verticillium albo-atrum: on 1 Que [36] by inoculation.
V. dahliae: on 1 Que [36] by inoculation.

LUNARIA L. CRUCIFERAE

1. *L. annua* L. *(L. biennis Moench)*, honesty, lunaire; imported from Europe, a garden escape, BC, Man, Ont-Que, NS.

Helminthosporium lunariae (C:156): leaf spot, tache des feuilles: on 1 BC [1816].
Pythium polymastum: on 1 Sask [1873].
Septoria lunariae: on 1 Ont [439].

LUPINUS L. LEGUMINOSAE

1. *L. albus* L., white lupine, lupin blanc; imported from Europe.
2. *L. arboreus* Sims, tree lupine; imported from California, introduced into sw. BC.
3. *L. arcticus* S. Wats.; native, Yukon-Frank, BC-Alta.
4. *L. nootkatensis* J. Donn, lupine, lupin; native, Yukon, BC-Alta, introduced, NS, Nfld.
5. *L. perennis* L., perennial lupine, lupin vivace; native, Ont.
6. *L. polyphyllus* Lindl., many-leaved lupine, lupin polyphylle; native, BC.
7. *L.* x *regalis* Bergermans *(L. polyphyllus* x *L. arboreus)*.
8. *L. rivularis* Dougl.; native, BC.
9. Host species not named, i.e., reported as *Lupinus* sp.

Ascochyta sp. (C:157): leaf spot, tache des feuilles: on 9 BC [1816].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:157): gray mold, moisissure grise: on 9 Que [335].
Cylindrosporium longisporum: on leaves of 5 Ont [439]. Apparently a species of *Cercospora*.
Erysiphe sp.: powdery mildew, blanc: on 7 BC [1012].
E. communis (E. polygoni) (C:157): powdery mildew, blanc: on 4, 9 BC [1816], on 4, 5, 6 BC [1257]; on 9 Yukon [460, 1257].
E. trifolii: powdery mildew, blanc: on 4 BC [1012]; on 5 Ont [1257].
Lachnella alboviolascens: on 2 BC [1424].
L. villosa: on 2 BC [1424].
Ovularia lupinicola (C:157): leaf spot or eye spot, tache ocellée: on 3, 9 BC [1816].
Peronospora trifoliorum (C:157): downy mildew, mildiou: on 9 BC [1816].
Thecaphora deformans: on 9 Alta [337].
Uromyces lupini (C:157): rust, rouille: on 8 BC [1012]; on 8, 9 BC [1816].
Verticillium albo-atrum: on 1 Que [36]; on 9 Que [1288].
V. dahliae: on 1 Que [36].

LUZULA DC. JUNCACEAE

1. *L. acuminata* Raf., acuminate woodrush, luzule acuminée; native, Alta-Nfld.
2. *L. confusa* Lindeberg; native, Yukon-Labr, BC-Man, Que.
3. *L. nivalis* (Laest.) Beurl.; native, Yukon-Labr.
4. *L. parviflora* (Ehrh.) Desv., small-flowered woodrush, luzule parviflore; native, Yukon-Keew, n. Que-Labr, BC-Nfld. 4a. *L. p.* var. *melanocarpa* (Michx.) Buch (*L. piperi* (Cov.) Jones); native, essentially range of species. 4b. *L. p.* var. *parviflora*; native, range of species.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:158): gray mold, moisissure grise: on 2 Frank [664, 1586].
Hysteropezizella pusilla (C:158): on 3 Frank [664].
Puccinia obscura (C:158): rust, rouille: II III on 1 Ont [1236]; on 4 BC [1012, 1816].
Thanatephorus cucumeris (Pellicularia filamentosa) (anamorph *Rhizoctonia solani*) (C:158): on 3 Frank [1586].
Ustilago vuijckii: smut, charbon: on 4a BC and on 4b Yukon, Alta [679].

LYCHNIS L. CARYOPHYLLACEAE

1. *L. chalcedonica* L., Maltese cross, croix de Jérusalem; imported from Asia, a garden escape, BC, Sask-PEI.
2. *L. coronaria* (L.) Desr., rose campion, coquelourde des jardins; a garden escape, BC, Ont-Que.

Erysiphe cichoracearum: powdery mildew, blanc: on 1 NB [1036].
Phyllosticta lychnidis (C: 159): leaf spot, tache des feuilles: on 1 BC [1816]; on *L.* sp. Ont [339].
Septoria lychnidis (C:159): leaf spot, tache des feuilles: on 2 NB [333, 1194].

LYCIUM L. SOLANACEAE

1. *L. chinense* Mill., Chinese matrimony vine, lyciet de Chine; imported from e. Asia.
2. *L. halimifolium* Mill., common matrimony vine, lyciet; imported from Eurasia, spreading from cultivation, BC-Sask, Ont, NS.

Oidium sp.: powdery mildew, blanc: on 1, 2 BC [1816]; on 2 BC [1594].
Puccinia tumidipes (C:159): rust, rouille: II III on 1, 2 Ont [1277]; on 2 Ont [1236].

LYCOPERSICON (LYCOPERSICUM) Mill.

SOLANACEAE

1. *L. cheesemanii* Riley; imported from the Galapagos Islands.
2. *L. glandulosum* Muller; imported from Peru.
3. *L. hirsutum* H.B.K.; imported from South America.
4. *L. lycopersicum* (L.) Karst. (*Lycopersicum esculentum* Mill.), tomato, tomate; imported from South America.
5. *L. peruvianum* (L.) Mill.; imported from Peru.
6. *L. pimpinellifolium* (Jusl.) Mill., currant tomato; imported from Peru and Ecuador.
7. *L. esculentum* x *pimpinellifolium*, hybrid.

Alternaria sp.: on 4 NS [1594].

A. alternata (A. tenuis auct.) (C:159): on 4 BC [337, 338, 339, 1416, 1594], NS [713, 977, 978, 979, 985, 992].

A. porri f. sp. *solani*: on 4 Ont [99, 100], Que [324].

A. solani (C:159): early blight, brûlure alternarienne: on 4 BC [337, 1416, 1594, 1816], BC, Ont [1595], BC, Ont, Que, NB [336], BC, NB, NS [335, 338], Alta, Man [333], Alta, NB, NS [334], Ont [1460, 1461], Ont, NB, NS [333, 337, 339, 1594], Que [338].

A. tomato (C:159): nailhead spot, tête de clou: on 4 BC [1594, 1816].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:159): gray mold, moisissure grise: on 4 BC [1816], Alta [1594], Ont [1460, 1461], Ont, Que, NS [335], Ont, NB [339], Ont, NB, NS [334, 336, 338, 1594], Ont, NS [333], NB, NS [337], NS [709, 713, 977, 978, 979, 985, 992], PEI, Nfld [336].

Colletotrichum sp.: on 4 Ont [1460], NS [1594].

C. coccodes (C. atramentarium) (C:160): anthracnose, anthracnose: on 4 BC [1595, 1816], BC, Ont [336, 1594], BC, Ont, Que, NB [339], BC, NS [338], Ont, Que, NS [336], Ont, NS [333, 334], Que [324, 894], NS [335, 593, 713, 977, 978, 979, 985, 992].

C. dematium (C:160): on 4 NS [593] by inoculation.

C. gloeosporioides (C. phomoides) (holomorph *Glomerella cingulata*) (C:160): on 4 BC, Que [337].

Fulvia fulva (Cladosporium f.) (C:159): leaf mold, moisissure olive: on 3 Ont [1292]; on 4 BC [1816, 1817, 1818], BC, Ont, NS [333, 338], BC, NS [335], Ont [187], Ont, NB [339], Ont, NS [336, 337], Que [348], NS [334].

Fusarium sp. (C:160): on 4 Ont [1460, 1461, 1594], NB [336, 1594], NS [977, 985, 992, 1594].

F. oxysporum (C:160): wilt, flétrissure fusarienne: on 2, 3, 4, 5, 6, 7 Ont [855]; on 4 Ont [849], Que [232, 1800].

F. oxysporum f. sp. *lycopersici (F. lycopersici)* (C:160): wilt, flétrissure fusarienne: on 4 BC [28], Alta, Sask [335], Ont [334, 339, 1460, 1594], NB [1594], NS [333].

F. oxysporum f. sp. *radicis-lycopersici*: on 4 Ont [848], Que [233].

Glomerella cingulata (anamorph *Colletotrichum gloeosporioides*): on 4 Ont [838].

Mucor sp.: on 4 NS [977, 992].

Ophiobolus rubellus: on *L.* sp. Ont [1340].

Penicillium spp.: on 4 NS [713, 977, 978, 992].

Phoma sp.: on 4 NS [979].

P. destructiva (C:160): fruit rot, pourriture phoméene: on 4 BC [1816], NS [336, 713, 977, 978, 985, 992].

P. lycopersici (Ascochyta l.) (holomorph *Didymella l.*): on 4 BC [1816].

P. terrestris (Pyrenochaeta t.) (C:161): pink root, racine rose: on 4 BC [334, 1816]. Causes pink root of onions and reported from roots of other crops.

Phytophthora cactorum (C:160): fruit rot, mildiou polyphage des fruits: on 4 BC [1816].

P. infestans (C:160): late blight, mildiou: on 4 BC [333, 334, 335, 1816], Alta [339], Ont [333, 1459], Que [324, 336, 337, 1594], NB [335, 336, 338, 1594], NS [334, 335, 336, 337, 709, 713, 978, 979, 985]; PEI [334, 337], Nfld [333].

P. parasitica (C:161): buckeye rot and stem rot, mildiou zoné: on 4 BC [336, 1816], Ont [334, 338, 339].

Pleospora herbarum (anamorph *Stemphylium botryosum*): on 4 NS [597].

Preussia funiculata: on *L.* sp. Man [207].

Pythium sp. (C:161): damping off, fonte des semis: on 4 Ont [1460, 1461, 1594].

P. irregulare: on 4 Ont [868] by inoculation.

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:161): damping-off and root rot, fonte des semis et rhizoctone commun: on 4 Alta [339], Ont [334, 336, 1460, 1461, 1594].

Sclerotinia sp.: on 4 Sask [420, 1138], Man [1138], NS [979, 992].

S. sclerotiorum (C:161): stem rot, pourriture sclérotique: on 4 BC [334, 337, 338, 1816], Alta [336], NB [336, 337, 1594], NS [333, 334, 335, 336, 337, 338, 713, 977, 978], PEI [333].

Septoria lycopersici (C:161): leaf spot, tache septorienne: on 4 BC [1816], Man [333, 335], Ont [114, 333, 335, 339, 1460, 1594], Que [324, 334, 336, 338].

Stemphylium botryosum: on 4 BC [1416].

S. botryosum f. sp. *lycopersici*: on 4 NS [597].

S. solani (C:161): gray leaf spot, tache grise: on 4 Ont [334].

Stilbella flavescens: on 4 Que [2], a symptomless parasitic fungus.

Thanatephorus cucumeris (Pellicularia filamentosa) (anamorph *Rhizoctonia solani*) (C:160): on 4 Alta, Ont, NB [337].

Ulocladium consortiale (Stemphylium c.): on seeds of 4 Ont [667].

Verticillium sp. (C:161): wilt, flêtrissure verticillienne: on 4 BC [334, 338], Ont [96, 97, 161, 338], NS [985].

V. albo-atrum (C:161): wilt, flêtrissure verticillienne: on 4 Alta [335, 336], Ont [38, 98, 333, 335, 1087], Que [36, 38, 246, 392, 393], NS [333, 334, 335, 338].

V. dahliae (C:161): wilt, flêtrissure verticillienne: on 4 BC [38, 333, 335, 336, 337, 339, 384, 1816, 1817, 1818, 1978], Alta [335, 339], Ont [38, 334, 335, 336, 337, 1087, 1460, 1594], Que [36, 38, 392, 393, 676, 1084], NS [339].

V. tenerum (V. lateritium) (holomorph *Nectria inventa*): wilt, flêtrissure verticillienne: on 4 Que [39] by inoculation.

V. nigrescens: wilt, flêtrissure verticillienne: on 4 Man [749], Ont [1087], Que [38, 392, 393].

LYCOPODIUM L. LYCOPODIACEAE

1. *L. annotinum* L., bristly club moss, lycopode innovant; native, Yukon-Labr, BC-Nfld. 1a. *L. a.* var. *acerifolium* Fern.; native, transcontinental. 1b. *L. a.* var. *pungens* (La Pylaie) Desv.; native, Yukon-Labr, BC-Nfld.
2. *L. lucidulum* Michx., shining clubmoss, lycopode brillant; native, Man-Nfld.
3. *L. obscurum* L., groundpine, petits pins; native, BC-Nfld. 3a. *L. o.* var. *dendroideum* (Michx.) Eat.; native, BC-Nfld.

Conoplea geniculata: on *L.* sp. Sask [1760].

Dasyscyphus pteridis: on *L.* sp. Que [1392].

Epicoccum purpurascens: on 3a Man [1760].

Leptosphaeria lycopodina: on 1 Ont [1340, 1827]; on 1b Que [70]; on *L.* sp. Ont, Nfld [760].

L. marciensis: on 1a, 1b Que [70].

Mycosphaerella lycopodii: on 1a, 1b Que [70].

Pseudomassaria lycopodina: on 1, 2 Ont [71].

LYCOPUS L. LABIATAE

1. *L. americanus* Muhl., cut-leaf bugleweed, lycope d'Amérique; native, BC, Man-Que, NS-Nfld.
2. *L. asper* Greene; native, BC-Que.
3. *L. rubellus* Moench; native to e. USA.
4. *L. uniflorus* Michx., bugleweed, lycope uniflore; native, BC-Nfld, Labr.
5. *L. virginicus* L., bugleweed; native to e. USA.

Puccinia angustata (C:163): rust, rouille: 0 I on 1, 2, *M.* sp. Ont [1236]; on 2 Sask [1559]; on 3, 4, 5 Ont [1236, 1559]; on 4 Que, PEI [1559].

LYGODESMIA D. Don COMPOSITAE

1. *L. juncea* (Pursh) Don, skeletonweed; native, BC-Man.

Puccinia stipae (C:163): rust, rouille: on 1 BC [1012, 1816].

LYSICHITON Schott. ARACEAE

1. *L. americanum* Hult. & St.John, western skunk cabbage; native, BC.

Mitrula elegans: on 1 BC [1012].

LYSIMACHIA L. PRIMULACEAE

1. *L. ciliata* L., fringed loosestrife, lysimaque ciliée; native, BC-PEI.
2. *L. thyrsiflora* L., tufted loosestrife, lysimaque thyrsiflore; native, Mack, Alta-PEI.

Clypeoporthella kriegeriana: on *L.* sp. Que [79].

Puccinia dayi (C:163): rust, rouille: III on 1 Ont [1236].

P. limosae (P. caricina var. *limosae)* (C:163): rust, rouille: 0 I on 2 BC [1550] only trace found, Ont [1236].

Uromyces acuminatus (C:163): rust, rouille: 0 I on 1 Ont [1236].

MADIA Molina COMPOSITAE

1. *M. sativa* Molina, tarweed, madia cultivé; imported from w. USA and Chile, introduced, BC, Ont-Que, Nfld.

Coleosporium madiae (C:163): rust, rouille: on 1 BC [2008].

MAHOBERBERIS C.K. Schneider BERBERIDACEAE

1. *M. neubertii* (Hort. ex Lem.) C.K. Schneid. var. *laxifolia* (*Berberis l.* Hort.); a hybrid between *Mahonia aquifolium* and *Berberis vulgaris*.

Puccinia graminis: rust, rouille: 0 I on 1 Ont [1236].

MAHONIA Nutt. BERBERIDACEAE

1. *M. aquifolium* (Pursh) Nutt. (*Berberis a.* Pursh), mahonia, mahonia à feuilles de houx; native, BC-Alta; introduced, Ont-Que.
2. *M. nervosa* (Pursh) Nutt. *(Berberis n.* Pursh*)*, Oregon grape, mahonia nervé; native, BC.
3. *M. repens* (Lindl.) G. Don *(Berberis r.* Lindl.*)*, creeping mahonia, mahonia rampant; native, BC-Alta.

Coccomyces coronatus: on 1, 2 BC [1816].

C. dentatus (C:164): on 1, 2 BC [1012].

Cumminsiella mirabilissima (C:164): rust, rouille: 0 I II III on 1 BC [1012, 1415, 1416, 1816], Ont [1236]; on 2 Ont [336]; on 3 BC [560, 644, 1724]; on *M.* sp. Ont [1341, 1415].

Dennisiella babingtonii (Chaetothyrium b.): on 2 BC [1012].

Mycosphaerella sp.: on 2 BC [1012, 1816].

Phyllosticta sp.: on 2 Ont [337].

Puccinia brachypodii var. *arrhenatheri*: rust, rouille: on 1 BC [1012].

P. koeleriae (C:164): rust, rouille: on 1 BC [1816].

P. pygmaea: rust, rouille: on 1 BC [1594].

MAIANTHEMUM Weber LILIACEAE

1. *M. canadense* Desf., wild lily-of-the-valley, muguet; native, Mack, BC-Nfld, Labr. 1a. *M. c.* var. *interius* Fern.; native, Mack, BC-Ont.
2. *M. dilatatum* (Wood) Nels. & Macbr., western maianthemum, maiantheme de l'ouest; native, BC.

Puccinia sp.: rust, rouille: on 1a NWT-Alta [1063].

Ramularia subsanguinea (C:164): on 1a BC [1545, 1816]; on 2 BC [1012, 1545, 1816].

Uromyces acuminatus var. *magnatus* (C:164): rust, rouille: on 1 NS [1032].

MALUS Mill. ROSACEAE

1. *M. baccata* (L.) Borkh. *(Pyrus b. L.)*, Siberian crabapple, pommetier microcarpe de Sibérie; imported from Asia.
2. *M. coronaria* (L.) Mill. *(Pyrus c. L.)*, wild crabapple, pommier sauvage; native, Ont.
3. *M. floribunda* Siebold ex Van Houtte *(Pyrus f.* Siebold ex Kirsch*)*, Japanese crabapple, pommetier floribund; imported from Japan.
4. *M. fusca* (Raf.) C.K. Schneid. (*M. diversifolia* (Bong.) Roem., *M. rivularis* Dougl.), Pacific crabapple, pommier du Pacifique; native, BC.
5. *M. ioensis* (Wood) Britt. (*Pyrus i.* (Wood) L.H. Bailey), prairie crabapple, pommetier d'Iowa. 5a. *M. i.* cv. plena, Bechtel's crabapple.
6. *M. pumila* Mill. (*M. domestica* Borkh., *M. sylvestris* Mill., *Pyrus malus* L.), common apple, pommier; imported from Eurasia.
7. Host species not named, i.e., reported as *Malus* sp.

Acremonium kiliense: on 6 Que [319].

Alternaria sp.: on 6 BC [338], Ont [1182], Que [388], NB [1594], NS [995, 1594].

A. alternata: on 6 Que [319], NS [1490].

A. mali (C:164): leaf spot and core rot, alternariose: on 6 Que [333], NB [1032].

Armillaria mellea (C:164): armillaria root rot, pourridié-agaric: on 6 NS [1594]; on 7 BC [1012]. See *Abies*.

Aureobasidium pullulans: on 6 Que [338].

Botryosphaeria obtusa (Physalospora o.) (C:164): black rot, pourriture noire: on 1 Sask [1614]; on 6 Man [337], Ont [338, 1614], Que [1614], NS [1490]; on 7 Que [338], NS [1032].

Botryotinia fuckeliana (anamorph *Botrytis cinerea*): on 7 Ont [666a].

Botrytis sp.: on 6 NS [1490].

B. cinerea (holomorph *Botryotinia fuckeliana*) (C:164): gray mold, moisissure grise: on 6 BC [338, 339, 1816], NS [995, 1488, 1490]; on 7 NB, NS [1032].

Butlerelfia eustacei: on 7 BC [1942]. Causes a fish-eye spot on the fruit in storage.

Cerrena unicolor (Daedalea u.) (C:165): on 6 NB, NS [1032]. See *Acer*.

Chondrostereum purpureum (Stereum p.) (C:167): silver leaf, plomb: on 6 Que [969]; on 7 NB, NS, PEI [1032]. See *Abies*.

Cladosporium herbarum (C:165): on 7 NS [1032].

C. macrocarpum: on 7 Man [1760, F66].

Discostroma corticola (Clathridium c.) (anamorph *Seimatosporium lichenicola*): on 1 Man [1629].

Coniosporium mali: on 6, 7 BC [1816]; NS [1032].

Coriolus hirsutus (Polyporus h.) (C:167): on 7 BC [1012]. See *Abies*.

C. versicolor (Polyporus v.) (C:167): on 6 BC [1012]; on 7 NS, PEI [1032]. See *Abies*.

Crepidotus fulvotomentosus: on 7 BC [1012].

Cryptosporiopsis malicorticis (Gloeosporium m., G. perennans) (holomorph *Pezicula malicorticis)*: on 6 BC [337, 338, 339, 1595, 1816], NS [338, 994, 995].

C. corticola (Myxosporium c.) (holomorph *Pezicula c.*) (C:166): surface bark canker, chancre de l'ecorse: on 6 BC [334].

Cylindrocarpon heteronema (C. mali): on 6 BC [1816], NS [334].

C. pomi (holomorph *Mycosphaerella p.*) (C:165): fruit spot, tache des fruits: on 6 NS [1594].

Cytospora sp. (C:165): dieback and canker, chancre cytosporéen: on 6 Alta [338, 339], Que [333]; on 7 BC [1012], Ont [336, 1340, 1827], Que [336, F63].

C. ambiens (holomorph *Valsa a.*): on 6 NS [1490].

C. chrysosperma (holomorph *Valsa sordida*): on 7 Alta [F65].

Dendrothele griseo-cana (Aleurocorticium g.): on 6 Ont [965]. Lignicolous.

Exidia recisa: on 7 NS [570]. Lignicolous, typically on dead limbs.

Flammulina velutipes (Collybia v.): on 7 Ont [1150]. See *Fagus*.

Fomitopsis pinicola (Fomes p.): on 7 NS [1032]. See *Abies*.

Fusarium sp. (C:165): on 6 Que [388]; on 7 NB [F72].

F. oxysporum: on 6 NS [1490].

F. roseum: on 6 NS [1490].

F. solani (holomorph *Nectria haematococca*): on 6 NS [1490].

Ganoderma applanatum (C:165): on 6 BC [1816]; on 7 NS [1032]. See *Acer*.

Gloeodes pomigena (C:165): sooty blotch, tache de suie: on 6 NS [337]; on 7 NB, NS, PEI [1032].

Gloeophyllum trabeum (Lenzites t.): on 7 Ont [1341]. Associated with a brown rot.

Gloeosporium sp.: on 6 BC [333].

Glomerella cingulata (anamorph *Colletotrichum gloeosporioides*) (C:165): bitter rot, pourriture amère: on 6 BC [1816], NS [333]; on 7 NS [1032].

Gonatobotrys simplex (C:165): on 7 NB [1032].

Gymnopilus spectabilis (Pholiota s.) (C:166): on 7 NS [1032]. See *Acer*.

Gymnosporangium sp.: rust, rouille: on 7 BC [1816], Ont [1341], Nfld [333].

G. clavipes (C:165): quince rust, rouille du cognassier: 0 I on 3, 6 Ont [1236]; on 6 Que [337, 339, 1594], NS [1032]; on 7 Sask [702], Sask, Que [1263], Ont [F71], Ont, Que, NS [866].

G. cornutum (C:166): rust, rouille: 0 I on 4 BC [1012, 1247, 1264, 1816].

G. globosum (C:166): hawthorn rust, rouille de l'aubépine: on 6 Ont, Que [333]; on 7 Man [335], Ont [1268].

G. juniperi-virginianae (C:166): cedar-apple rust, rouille de Virginie: 0 I on 2 Ont [1248]; on 2, 5a, 6 Ont [1236, 1270]; on 5 Ont [336]; on 5a Que [1270]; on 6 Ont [865, 1839, F74, F75], Ont, Que [1595]; on 7 Ont [1340, 1341, F68].

G. nelsonii (C:166): rust, rouille; on 4 BC [1271].

G. nootkatense (C:166): rust, rouille: 0 I on 4 BC [1012, 1247, 1816, 2008].

Haematostereum rugosum (Stereum r.): on 7 NS [1032, 1036]. See *Abies*.

Hymenochaete corrugata: on 7 NS [1032]. See *Abies*.

Hyphodontia quercina (Radulum q.) (C:167): on 6 NS [1032]. Lignicolous.

Irpex lacteus (Polyporus tulipiferae) (C:167): on 6 NS [1032]; on 7 NS [1036]. See *Acer*.

Ischnoderma resinosum (Polyporus r.) (C:167): on 7 NS [1032]. See *Abies*.

Lenzites betulina (C:166): on 7 NS [1032]. See *Acer*.

Leptothyrium pomi (C:166): fly specks, moucheture: on 7 NB, NS, PEI [1032].

Leucostoma persoonii (Valsa leucostoma) (C:167): canker, chancre cytosporéen: on 6 Que [337].

Marssonina coronaria (M. coronariae): on 2 Ont [1248, 1502].

Massaria excussa: on 7 Ont [1340]. This name has not been discussed in recent taxonomic treatments thus the features to be associated with it are poorly known. A description can be found on page 750 in Ellis and Everhart [438].

Merulius tremellosus: on 6 NS [568]; on 7 NS [1032]. See *Abies*.

Microsphaeropsis olivacea (Coniothyrium o.): on 7 Man [F66].

Monilinia fructicola (C:166): brown rot, pourriture brune: on 6 Que [337], NS [1490].

M. laxa (C:166): brown rot, pourriture brune: on 6 NS [1490].

Mucor sp.: on 6 BC [1594].

Nectria cinnabarina (anamorph *Tubercularia vulgaris*) (C:166): dieback or coral spot, dépérissement nectrien: on 6 NB [337, 1594], NS [333, 338, 339, 1594, 1595]; on 7 NWT-Alta [1063], Alta [337], Ont [1340], NB [1032].

Nectria coccinea var. *faginata* (C:166): on 7 NS [1032].

Nectria galligena (C:166): european canker, chancre européen: on 6 BC [335, 338, 1416], NB [333, 336, 337, 338, 339]; on 7 NB, NS [1032].

Neofabraea sp.: on 6 BC [1005]; on 7 BC [1012].

N. perennans (anamorph *Cryptosporiopsis p.*) (C:166): perennial canker, chance pérennant: on 6 BC [333, 334, 335, 336, 338, 339, 1594, 1816]. Probably a species of *Pezicula*.

Oxyporus populinus (Fomes connatus) (C:165): on 7 NB, NS [1032]. See *Acer*.

Penicillium sp.: on 6 NB [333, 334], NS [995, 1488].

P. candidum (C:166): on 7 NB [1032]. The features to be associated with this name are uncertain, i.e., it is a nomen confusum.

P. expansum (C:166): blue-mold rot, moisissure bleue: on 6 BC [1816], NS [1490]; on 7 Ont [83, 1340], NS [1032].

Pezicula malicorticis (Neofabraea m.) (anamorph *Cryptosporiopsis m.*) (C:166): anthracnose, anthracnose: on 6 BC [334, 336, 339, 1816], NS [336]; on 7 Alta [336].

Phellinus conchatus (Fomes c.): on 7 Ont [1341]. See *Acer*.

P. igniarius (Fomes i.) (C:165): on 6 BC [1012], NB [1032]; on 6, 7 NS [1032]. See *Acer*.

Phlyctaena vagabunda (Gloeosporium album) (holomorph *Pezicula alba*) (C:165): storage rot and canker, anthracnose: on 6 NS [333, 337, 338, 994, 995, 1487, 1488, 1492, 1594, 1595]; on 7 NB [1032].

Pholiota aurivella (C:166): on 7 NS [1032]. See *Abies*.

P. squarrosa (C:166): on 6 BC [1816]; on 7 NS [1032]. See *Populus*.

Phoma pomi: on 7 NB [1032]. Because the name is a later homonym of *P. pomi* Schulzer, which is coincidentally a synonym of *P. macrostoma*, specimens should be redisposed.

P. pomorum (Phyllosticta prunicola, P. pyrina) (C:166): on 7 Ont [1340], NS [1032].

Phomopsis sp.: on 6 NS [1490]; on 7 Que [F63].

P. mali (C:166): twig blight, brûlure phomopsienne: on 7 BC [1816].

Phyllosticta solitaria: on 6 NB [336].

Phytophthora cactorum (C:166): crown rot, pourridié du collet: on 6 BC [333, 334, 335, 336, 338, 339, 1076, 1594, 1595, 1816], NS [1076, 1490].

P. cambivora: on 6 BC [1816].

P. syringae: on 6 Alta [722], NS [1489].

Pleospora herbarum (anamorph *Stemphylium botryosum*): on 6 BC [1007].

Pleurotus sp.: on 7 BC [1012].

P. dryinus (C:166): on 7 NS [1032]. Lignicolous.

Podosphaera clandestina (C:167): powdery mildew, blanc: on 7 Ont [1257].

P. leucotricha (C:167): powdery mildew, blanc: on 6 BC [333, 334, 335, 336, 337, 338, 339, 1077, 1594, 1816], Ont [333, 337, 338, 339, 1257], Que [1257, 1594], NS [339, 1594]; on 7 BC [336], Que [337, 339].

Polyporus varius (C:167): on 7 NB, NS [1032]. See *Abies*.

Psathyrella candolleana (C:167): on 6 BC [1816].

Rhizopus sp.: on 6 BC [333].

Sarcodontia setosa (Mycoacia s.): on 7 Ont [1341]. Lignicolous.

Schizophyllum commune (C:167): on 6 BC [1816]; on 7 NWT-Alta [1063], NS [1032]. See *Abies*.

Sclerotinia sp.: on 6 NS [995].

S. sclerotiorum (C:167): calyx-end rot, pourriture sclérotique: on 6 BC [339], Que [388], NB [339, 1594], NS [333, 334, 335, 336, 337].

Sphaeropsis malorum: on 6 BC [1816], NB [336], NS [995]. The fungus from *Malus* erroneously reported as *S. malorum* is most likely the conidial state of *Botryosphaeria obtusa* [1614]. The conidial state does not appear to have an anamorph name. Further the combination *S. malorum* Peck is illigetimate being a later homonym and was never proposed by Peck.

Spilocaea pomi (holomorph *Venturia inaequalis*): on 7 BC [1816], Ont [299, 1827, 1828, F68, F72].

Stemphylium sp.: on 6 BC [1594].

Stigmina negundinis (Sciniatosporium n.) (C:167): on 6 BC [334, 1816]; on 7 BC, Man [1127].

S. pallida: on 1, 7 Man [1762]; on 7 Man [1760].

Stilbella flavescens: on 6 Que [2], symptomless parasitic fungus.

Trichoderma sp.: on 6 NS [1490].

T. koningii (C:167): on 7 NS [1032].

Trichothecium roseum (C:167): pink mold rot, moisissure rose: on 7 NB, NS, PEI [1032].

Tubercularia vulgaris (holomorph *Nectria cinnabarina*): on 7 Alta [F64].

Tympanis alnea (anamorph *Sirodothis inversa*): on 7 Que, NB, NS [1221].

Tyromyces caesius (Polyporus c.): on 7 NS [1032]. See *Abies*.

Valdensia heterodoxa (Asterobolus gaultheriae) (holomorph *Valdensinia h.*): on 4 BC [1438].

Valsa sp. (C:167): canker, chancre cytosporéen: on 7 Ont [1827].

V. ambiens (V. sordida) (anamorph *Cytospora a.*) (C:167): canker, chancre cytosporéen: on 6 Que [337]; on 7 NWT-Alta [1063].

V. amphibola (C:167): canker, chancre cytosporéen: on 7 Ont [1340, F63], NS [1032].

Venturia inaequalis (anamorph *Spilocaea pomi*) (C:167): scab, tavelure: on 1, 6 Man [289]; on 2, 6 Ont [289]; on 6 BC [1075, 1595], BC, Alta, Que, NB [338, 1594], BC, Ont, Que, NB, NS [333, 334, 335, 337, 339], Man [336], Ont [338, 1182], Que [318, 322, 323, 325, 467, 1226], NB, NS [289, 336], NS [338, 1487, 1488, 1492, 1493], PEI [333, 334, 335], Nfld [333, 336, 337, 339]; on 6, 7 BC [1816], BC, Sask, Que [289], BC, Ont, Que [336]; on 7 Alta [334], Ont [286, 310, 333, 1078], Que [335, 337, 339, F62, F64, F65], Que, NB [289, 338], NB, NS [1032, 1078], NB [1594], NS [309, 1491], cosmopolitan [73].

Xylobolus subpileatus (Stereum s.): on 6 NS [1036]; on 7 NS [1032]. Lignicolous.

MALVA L. MALVACEAE

1. *M. alcea* L., hollyhock mallow, mauve alcée; imported from Europe, introduced, Ont-NS.
2. *M. moschata* L., musk mallow, mauve musquée; imported from Europe, a garden escape, BC, Man-Nfld.
3. *M. neglecta* Wallr., cheeses, fromagère; imported from Eurasia, introduced, BC-Alta, Man-Nfld.
4. *M. rotundifolia* L. *(M. pusilla* Sm.*)*, dwarf mallow, petite mauve; imported from Europe, introduced, BC, Sask-Que, PEI.
5. *M. sylvestris* L., high mallow, grande mauve; imported from Europe, introduced, BC-Alta, Ont-Que.
6. *M. verticillata* L., cluster mallow; imported from Asia, introduced, Alta-PEI.

Phomopsis malvacearum: on 4 BC [1340].

Puccinia malvacearum (C:169): rust, rouille: III on 1, 3, *M.* sp. Man, on 2 NS, on 3 BC, Ont, Que, on 4 Sask, Ont, NB, on 5, 6 Ont [1281]; on 1, 4, 5 Ont [1236]; on 3, 4 BC [1816].

Thielaviopsis basicola: on 3 Ont [546].

Verticillium dahliae: on 4 BC [1816, 1978].

MARRUBIUM L. LABIATAE

1. *M. vulgare* L., common horehound, masrube blaoc; imported from Eurasia,

introduced, BC, Sask, Ont-Que, NS. Whitish-wooly, bitter, aromatic perennial herb.

Ophiobolus erythrosporus: on 1 Ont [1620].

MATRICARIA L. COMPOSITAE

1. *M. matricarioides* (Less.) C.L. Porter, pineapple weed, pomme de pré; imported from Eurasia, natzd., Mack, BC-Nfld, Labr.

Olpidium brassicae: on 1 BC [1977].

Pythium sp.: on 1 BC [1977].

Sphaerotheca fuliginea (C:169): powdery mildew, blanc: on 1 Que [1257].

MATTEUCIA Todaro POLYPODIACEAE

1. *M. struthiopteris* (L.) Tod. *(Pteretis nodulora* (Michx.) Nieuwl.*)*, ostrich fern, matteuccie fougère-à-l'autruche; native, Mack, BC-Nfld.

Uredinopsis struthiopteridis (C:233): rust, rouille: II III on 1 BC [1012, 1816, 2007, 2008], Alta, Man [2008], Ont [1236], Que [155, 282], NB [F68]. Alternate hosts are *Abies balsamea* and *A. lasiocarpa*.

MATTHIOLA R. Br. CRUCIFERAE

1. *M. incana* (L.) R. Br., common stock, matthiole blancheâtre; imported from Europe.

Alternaria raphani (C:169): leaf spot, tache alternarienne: on 1 Sask [1313].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:169): gray mold, moisissure grise: on 1 BC [1816].

Fusarium solani (holomorph *Nectria haematococca*) (C:169): foot rot and wilt, pourridié fusarien: on 1 Que [333].

Oidium sp.: powdery mildew, blanc: on 1 BC [1816].

MEDICAGO L. LEGUMINOSAE

1. *M. falcata* L., yellow lucerne, luzerne jaune; imported from Eurasia, introduced, BC-Que, NS.
2. *M. lupulina* L., black medick, lupuline; imported from Eurasia, natzd., BC-Nfld.
3. *M. sativa* L., alfalfa, luzerne; imported from Eurasia, escaped from cultivation, Mack, BC-PEI.
4. Host species not named, i.e., reported as *Medicago* sp.

Acremonium boreale: on 3 BC, Alta, Sask, Man, Ont [1707].

Alternaria sp.: on 3 Ont [244], Que [34].

Aphanomyces sp.: on 3 Ont [1093, 1825].

Ascochyta sp.: on 3 Que [34].

Aspergillus sp.: on 3 Ont [244], Que [34].

Aureobasidium sp. *(Pullularia* sp.*)*: on 3 Que [34].

Botrytis sp.: on 3 Ont [244], Que [34].

Cercospora zebrina (C:170): leaf spot, rayure nervale: on 3 Sask [336], Que [32, 339], PEI [1974].

Chaetomella sp.: on 3 Que [34].

Chaetomium sp.: on 3 Ont [244].

C. cochliodes: on 3 Que [34].

C. crispatum: on 3 Que [34].

C. dolichotrichum: on 3 Que [34].

C. globosum: on 3 Que [34].

Cladosporium sp. (C:170): on 3 Que [34].

Colletotrichum sp.: on 3 Que [34].

C. destructivum (C:170): anthracnose, anthracnose: on 3 Sask [336], Que [1472].

Coniothyrium sp.: on 3 Que [34].

Coprinus psychromorbidus: on 3 Alta [1820] as *Coprinus* sp. See [1439].

Cylindrocarpon sp. (C:170): on 3 Alta [333], Ont [244].

C. ehrenbergii (C:170): on 3 Ont [244], Que [34]. This name was considered to be a nomen nudum [247].

C. radicicola (C:170): on 3 Que [34].

Diplodia sp.: on 3 Que [34].

Epicoccum sp.: on 3 Que [34].

Fusarium sp. (C:170): root rot, pourridié fusarien: on 3 BC [339], Alta [333, 336, 337, 338, 339, 1594], Que [490, 1464, 1467, 1475], PEI [1594].

F. acuminatum (C:170): on 3 Ont [244].

F. avenaceum (C:170): on 3 Ont [241, 244].

F. oxysporum (C:170): on 3 Ont [241, 244], Que [34, 1471].

F. oxysporum f. sp. *medicaginis*: on 3 Que [1473] by inoculation.

F. oxysporum var. *redolens* (C:170): on 3 Que [33] by inoculation.

F. roseum: on 3 BC [334, 716, 1816], Alta [333, 334, 335, 1595], Sask [334, 694], Que [34, 1471].

F. roseum "var. *acuminatum*": on 3 Que [1473]. This variety does not appear to have been validly published.

F. solani (holomorph *Nectria haematococca*) (C:170): on 3 Ont [241, 244], Que [34, 1471].

F. tricinctum: on 3 Que [1471].

Helminthosporium sp.: on 3 Que [34]. Probably a specimen of *Bipolaris*.

Hormodendrum sp.: on 3 Que [34].

Leptosphaeria pratensis (anamorph *Stagonospora meliloti*) (C:171): leaf spot, brûlure du melilot: on 3 BC [1816], Alta [119, 121, 124, 135].

Leptosphaerulina briosiana: on 3 Que [32, 339, 1463, 1464, 1465, 1466, 1467, 1475, 1745, 1746, 1747]. Conners [p. 171] listed "*briosiana*" as a synonym of "*trifolii*" but Graham and Luttrell [610] have shown that the two are distinct. In brief *L. briosiana* occurs on *Medicago* and rarely on *Trifolium*, whereas *L. trifolii* appears to be restricted to *Trifolium*.

L. trifolii (Pseudoplea t.) (C:171): pepper spot, tacheture noire: on 3 BC

[1816], Alta [119, 121, 123, 124]. The specimens may be better named *L. briosiana*.

Leptotrochila medicaginis (Pseudopeziza jonesii) (anamorph *Sporonema phacidioides*) (C:171): yellow leaf blotch, tache jaune: on 3 BC [334, 339, 716, 1816], Alta [119, 121, 123, 124, 337, 338, 339, 1594, 1595], Sask [694, 695, 699], Que [32, 333, 339, 1475], NB [333, 1195], PEI [335, 336, 1974].

Low-temperature basidiomycete (C:170): basidiomycète frigophile: winter crown rot or snow mold, pourridié hibernal: on 3 BC [333], Alta [333, 336, 1919], Sask [335, 336]. Some records may be of *Coprinus psychromorbidus* [1439].

Macrosporium sp.: on 3 Ont [244].

Monilia sitophila (holomorph *Neurospora s.*): on 3 Que [34].

Mucor sp.: on 3 Ont [244], Que [34].

Papularia sp.: on 3 Que [34]. The specimens may be a species of *Arthrinium*.

Penicillium sp.: on 3 Que [34].

Peronospora trifoliorum (P. aestivalis) (C:171): downy mildew, mildiou: on 3 BC [333, 334, 716, 1816], Alta [119, 121, 123, 124, 134, 333, 337, 338, 339], Sask [333, 334, 695], Ont [105], Que [32, 1465, 1475].

Peziza sp.: on 3 Que [34].

P. ostracoderma: on 3 Que [34].

Phoma sp.: on 3 Que [34], PEI [336, 1974].

P. medicaginis (Ascochyta imperfecta) (C:170): black stem, tige noire: on 3 BC [716, 1816], BC, Alta [339], BC, Alta, Sask, Que [334], Alta [119, 121, 123, 124, 338], Alta, Sask [333, 335, 336, 1595], Alta, Sask, Man, Ont [696], Alta, PEI [1594], Sask [694, 695, 699, 920], Ont [1340], Que [32, 1470, 1475], NB [333, 1195]; on 4 BC, Alta, Sask, Man, Ont [1102], Sask [1100, 1101].

P. medicaginis var. *medicaginis*: on 3 Que [1464, 1465, 1466, 1467, 1747].

P. sclerotioides (Plenodomus meliloti) (C:171): brown root rot, pourridié-plenodome: on 1 Yukon [1829]; on 3 Yukon [280, 1172, 1986], Alta [1986]; on 4 Yukon [1173].

P. terrestris (Pyrenochaeta t.): on 3 Que [34].

Physoderma alfalfae (C:171): crown wart, tumeur noduleuse: on 3 BC [1816].

Phytophthora sp.: on 3 Ont [1093].

P. megasperma: on 3 Alta [240], Ont [61, 240, 244, 337].

Plenodomus sp.: on 3 Que [34]. Most *Plenodomus* species are now placed in *Phoma*.

Pleospora herbarum (anamorph *Stemphylium botryosum*) (C:171): on 3 Ont [1340].

Pseudopeziza trifolii (P. medicaginis) (C:171): common leaf spot, tache commune: on 3 Alta [1595], Ont [102, 105, 1340], Que [32, 1464, 1465, 1466, 1467, 1475, 1747].

P. trifolii f. sp. *medicaginis-lupulinae* (C:171): on 3 Sask, PEI [335].

P. trifolii f. sp. *medicaginis-sativae* (C:171): common leaf spot, tache commune: on 3 BC [334, 716, 1816], Alta [119, 121, 123, 124, 333, 334, 337, 338, 339, 1594], Sask [334, 694, 695, 726, 1595], Que [333, 337, 339], NB [333, 1195], NS [337], PEI [333, 334, 336, 338, 1594, 1974].

Pythium sp.: on 3 Alta [1735], Ont [1093].

P. debaryanum: on 3 Ont [244], Que [33] by inoculation.

P. hypogynum: on seedlings of 3 Alta [1735].

P. irregulare: on 3 Ont [244].

P. paroecandrum: on seedlings of 3 Alta [274].

P. sylvaticum: on seedlings of 3 Alta [1735].

P. torulosum: on seedlings of 3 Alta [1735].

P. ultimum: on seedlings of 3 Alta [1735], Ont [244].

Rhizoctonia sp.: on 3 Que [34].

R. solani (holomorph *Thanatephorus cucumeris*) (C:171): root and crown rot, rhizoctone commun: on 3 BC [243, 334, 339, 716, 1816], Alta [243, 333, 334, 335, 336, 337, 338, 339, 1594, 1595], Sask [334, 694], Ont [244], Que [33] by inoculation.

Rhizopus sp.: on 3 Ont [244], Que [34].

Sclerotinia sp.: on 3 Sask [420, 1138], Man [1138], Que [34].

S. trifoliorum (C:171): sclerotinia wilt, flétrissure sclerotique: on 2, 3 BC [1816]; on 3 Que [63] by inoculation, PEI [1594].

Sporonema phacidioides (holomorph *Leptotrochila medicaginis*): on leaves of 4 Sask, Man, Ont [1763].

Stagonospora meliloti (Ascochyta medicaginis) (holomorph *Leptosphaeria pratensis*): on 3 BC, Alta, Sask, Que [339], Alta [338, 1594], Sask, NB [333], Que [32], NB [1195].

Stemphylium sp.: on 3 Que [34].

S. botryosum (holomorph *Pleospora herbarum*) (C:171): leaf spot, tache stemphylienne: on 3 BC [1816], Sask, NB, Nfld [333], Ont [102, 105, 334, 667], Que [32, 339, 1464, 1465, 1466, 1475, 1747], NB [1195].

Stilbella flavescens: on 4 Que [451].

Stysanus medius: on 3 Que [34].

Thielaviopsis basicola: on 2 Ont [546].

Trichoderma sp.: on 3 Ont [224].

T. album: on 3 Que [34]. *T. album* has not been studied or redescribed in modern times. The Canadian fungus is probably *T. polysporum*.

T. viride (C:171): on 3 Que [33, 34]. See *Abies*.

Typhula trifolii (C:171): on 4 Ont [383].

Ulocladium consortiale (Alternaria c., Stemphylium c.) (C:170): on seeds of 3 Ont [667].

Uromyces striatus (C:172): rust, rouille: II III on 1 Ont [1236]; on 2, 3 Ont [1236, 1237]; on 2 Que [1237]; on 3 Ont [1594].

Verticillium sp.: on 3 BC [1600, 1604, 1816].

V. albo-atrum: on 3 BC, Alta, Sask, Man, Que [1605], Ont [37], Que [35, 36, 38].

V. dahliae: on 3 BC [1816], Que [36, 38].

V. tenerum (V. lateritium) (holomorph *Nectria inventa*): on 3 Que [34].

V. nigrescens: on 3 Que [34, 39].

Zygorhynchus sp.: on 3 Que [34].

MELAMPYRUM L. SCROPHULARIACEAE

1. *M. lineare* Desr., cow-wheat, mélampyre linéaire; native, BC-Nfld. 1a. *M. l.* var. *americanum* (Michx.) Beauv.; native, Que-NS.

Cronartium coleosporioides (C. stalactiforme) (C:172): rust, rouille: II III on 1 NWT-Alta [1063], BC [953], BC, Alta [F63], BC, Alta, Sask, Man, Ont, Que, NB [735], Sask [F70], Sask, Ont, Que [1554], Ont [1205, 1236], Ont, NB [F69, F70], Que [1377].

C. coleosporioides f. *coleosporioides* (aecial state *Peridermium stalactiforme*): rust, rouille: on 1 BC [1012]. Causes perennial cankers on the alternate hosts *Pinus banksiana* and *P. contorta*.

Peridermium harknessii: rust, rouille: on 1 Que [F60]. This rust does not occur on *Melampyrum*. The specimens were, no doubt a *Cronartium* sp.

P. stalactiforme (holomorph *Cronartium coleosporioides* f. *coleosporioides*): rust, rouille: on 1 Sask [1997], NB, NS [1856].

Ramularia melampyri: on 1 Ont [1554]; on leaves of 1a Ont [439].

MELICA L. GRAMINEAE

1. *M. subulata* (Griseb.) Scribn.; native, BC-Alta.

Erysiphe graminis (C:172): powdery mildew, blanc: on 1 BC [1012, 1255, 1257, 1816].

MELILOTUS Mill. LEGUMINOSAE

1. *M. alba* Desr., white sweet clover, trèfle d'odeur blanc; imported from Eurasia, natzd., Yukon-Mack, BC-Nfld, Labr.
2. *M. indica* (L.) All., annual yellow sweet clover; imported from Eurasia, introduced, BC, Man, NS.
3. *M. officinalis* (L.) Pall., yellow sweet clover, trèfle d'odeur jaune; imported from Eurasia, natzd., Yukon-Mack, BC-Nfld.
4. Host species not named, i.e., reported as *Melilotus* sp.

Acremonium boreale: on 3 BC, Alta, Sask [1707].

Arthrobotrys oligospora: on 3 Que [30].

Ascochyta sp.: on 4 Alta [127].

A. viciae (A. caulicola, A. meliloti) (C:172): on 1 BC [1816], Alta [131]; on 1, 3 Alta [119, 121, 123, 124]; on 3 Sask [131]; on 4 Sask [336, 694], Que [335].

Cercospora zebrina: on 3, 4 Sask [336].

Cylindrocarpon sp. (C:172): root rot, chancre des racines: on 4 Alta [333].

Dendryphion nanum: on 4 Man [819].

Fusarium sp. (C:172): root rot, pourridié fusarien: on 3 Que [30]; on 4 Alta [333], Sask [334].

F. acuminatum (C:172): root rot, pourridié fusarien: on 4 Sask [336].

F. culmorum (C:173): root rot, pourridié fusarien: on 4 Alta [338].

F. oxysporum (C:173): root rot, pourridié fusarien: on 4 Sask [336].

F. oxysporum var. *redolens* (C:173): root rot, pourridié fusarien: on 4 Alta [338].

F. solani (holomorph *Nectria haematococca*) (C:173): root rot, pourridié fusarien: on 4 Sask [336].

Gliocladium sp.: on 3 Que [30].

Leptosphaeria pratensis (anamorph *Stagonospora meliloti*) (C:173): leaf spot, stem blight and root rot, brûlure: on 1 BC [1816]; on 1, 3 Alta [119, 121, 123, 124]; on 4 Sask [333].

Low-temperature basidiomycete: Conners compilation (p. 172) from the Yukon is an error.

Ophiobolus mathieui: on 4 Man [1620].

Penicillium sp.: on 3 Que [30].

Peronospora sp.: downy mildew, mildiou: on 4 Alta [1594].

P. trifoliorum (C:173): downy mildew, mildiou: on 1 BC [1816]; on 1, 3 Alta [119, 121].

Phoma medicaginis (Ascochyta imperfecta) (C:172): on 4 BC [333].

P. sclerotioides (Plenodomus meliloti) (C:173): brown root rot, pourridié-plénodome: on 1, 3 Alta [128]; on 4 Alta [334, 335, 339, 1173, 1594].

Phytophthora cactorum (C:173): root rot, pourridié phytophthoréen: on 4 Alta [336, 337, 338].

Rhizopus sp.: on 3 Que [30].

Sclerotinia sp.: on 2 Sask [420, 1138], Man [1138].

S. trifoliorum (C:173): sclerotinia wilt, flétrissure sclérotique: on 1 BC [1816].

Selenophoma sp.: on 3 Sask [1323].

Septogloeum sp.: on 1 Ont [1340].

Stagonospora meliloti (holomorph *Leptosphaeria pratensis*): on 4 Sask [335].

Trichoderma sp.: on 3 Que [30].

Verticillium albo-atrum: on 1 Que [36].

V. dahliae: on 1 Que [36].

MENTHA L. LABIATAE

1. *M. arvensis* L., field mint, menthe des champs; native, Yukon-Mack, BC-Nfld, Labr. 1a. *M. a.* var. *villosa* f. *glabrata* (Benth.) Stewart (*M. a.* var. *glabrata* (Benth.) Fern.); native. 1b. *M. a.* var. *villosa* f. *villosa* (*M. a.* var. *canadensis* (L.) Briq., *M. canadensis* L.); native.
2. *M. piperita* L. (often considered a *M. aquatica* L. x *M. spicata* L. hybrid), peppermint, menthe pourée; imported from Europe, introduced, BC, Ont-PEI.
3. *M. spicata* L., spearmint, baume vert; imported from Eurasia, introduced, BC, Sask-PEI.

Erysiphe cichoracearum (C:174): powdery mildew, blanc: on 1 Ont, Que and on 1b Ont [1257].
Puccinia angustata (C:174): rust, rouille: 0 I on 1 Ont [1236]; on 1a Sask, Man, Ont [1559].
Puccinia menthae (C:174): rust, rouille: 0 I II III on 1, 3 BC [1012]; on 1a, 1b, 3 Ont [1236]; on 1b, 2, 3 BC [1816]; on *M.* sp. BC [338].
Verticillium albo-atrum (C:174): wilt, flétrissure verticillienne: on 2 Ont [335].

MENZIESIA Sm. ERICACEAE

1. *M. ferruginea* Sm. (*M. f.* ssp. *glabella* (Gray) Calder & Taylor, *M. glabella* Gray), false azalea, menziézie ferrugineuse; native, Yukon, BC-Alta.

Cladosporium sp.: on 1 BC [953], Alta [950].
Exobasidium vaccinii (C:174): on 1 BC [1012, 1816].
Gibberidea rhododendri (*Melanomma r.*): on 1 Alta [763], NWT-Alta [1063].
Godronia menziesiae: on 1 NWT-Alta [1063], Alta [656].
Melasmia menziesiae (teleomorph possibly a *Rhytisma*): on 1 NWT-Alta [1063], BC [954, 1012, 1816].
Rhytisma arbuti (C:174): on 1 NWT-Alta [1063], BC [644, 1012, 1816].
Valdensia heterodoxa (*Asterobolus gaultheriae*) (holomorph *Valdensinia h.*): on 1 BC [1438].

MERTENSIA Roth BORAGINACEAE

1. *M. maritima* (L.) S.F. Gray, sea-lungwort; native, Yukon-Mack, Keew, BC coast, along the Hudson Bay-James Bay coasts of Man-Que, coasts of NB-NS, Nfld, Labr.
2. *M. paniculata* (Ait.) Don, bluebells, mertensia paniculé; native, Yukon-Mack, BC-Que.

Erysiphe cichoracearum (C:174): powdery mildew, blanc: on 2 Yukon [460], BC [1012, 1816], Ont [1257].
Puccinia mertensiae (*P. hydrophylli* ssp. *mertensiae*) (C:174): rust, rouille: on 1 Keew [719].

METASEQUOIA Hu & Cheng TAXODIACEAE

1. *M. glyptostroboides* H.H. Hu & Cheng, dawn redwood; imported from Szechwan, China.

Diaporthe lokoyae (anamorph *Phomopsis l.*): on 1 BC [1012, F72].

MILIUM L. GRAMINEAE

1. *M. effusum* L., diffuse millet grass, millet diffus; native, Man-NS, Nfld.

Puccinia graminis (C:174): rust, rouille: II III on 1 Ont [1236].

MIMULUS L. SCROPHULARIACEAE

1. *M. lewisii* Pursh, red monkey-flower, mimule rose; native, BC-Alta.

Ramularia lewisii: on 1 BC [1554].

MITELLA L. SAXIFRAGACEAE

1. *M. breweri* Gray; native, BC-Alta.
2. *M. diphylla* L., coolwort, mitrelle à deux feuilles; native, Ont-Que.
3. *M. nuda* L., mitrewort, mitrelle nue; native, Yukon-Keew, BC-Nfld, Labr.
4. *M. ovalis* Greene; native, BC.
5. *M. pentandra* Hook.; native, Yukon, BC-Alta.
6. *M. trifida* Graham; native, BC-Alta.

Puccinia austroberingiana ssp. *austroberingiana* (*P. heucherae* var. *austroberingiana*) (C:175): rust, rouille: on 1, 5 BC, Alta [1560]; on 5 BC [1816], Alta [644]; on 6 BC [1560, 1816].
P. heucherae (C:175): rust, rouille: on 3 Mack [53], Ont [1341]; on 5 BC [1012].
P. heucherae var. *heucherae* (C:175): rust, rouille: III on 2 Ont [1236]; on 3 BC [1012, 1239, 1816], Que [282]; on 4 BC [1560, 1816].
P. heucherae var. *minor* (*P. congregata*): rust, rouille: on 2 Ont [1560]; on 3 Mack, BC, Alta, Sask, Man, Ont, Que, Nfld [1560], Ont [437].
P. saxifragae var. *mitellae*: rust, rouille: on 1, 5, 6 BC [1560].

MONARDA L. LABIATAE

1. *M. didyma* L., bee-balm, monarde écarlate; imported from e. USA, a garden escape, Ont-Que.

2. *M. fistulosa* L., wild bergamot, fistuleuse; native, BC-Que. 2a. *M. f.* var. *menthaefolia* (Graham) Fern., wild bergamot, menthe de cheval; native, BC-Ont. 2b. *M. f.* var. *mollis* (L.) Benth.; native, Sask-Ont.

Erysiphe cichoracearum: powdery mildew, blanc: on 1, 2 Ont [1257].
Puccinia menthae (C:175): rust, rouille: 0 I II III on 1, 2, 2b Ont [1236]; on 2a NWT-Alta [1063]; on 2b BC [1012, 1816].

MONESES Salisb. PYROLACEAE

1. *M. uniflora* (L.) Gray, one-flowered pyrola, monésès uniflore; native, Yukon-Mack, BC-Nfld, Labr.

Chrysomyxa monesis (C:175): rust, rouille: II III on 1 BC [1012, 1816, 2008]. The alternate host is *Picea sitchensis*.
C. pirolata (C. pyrolae) (C:175): rust, rouille: II III on 1 Yukon [460], Yukon, BC [F62], Yukon, Mack, BC, Alta, Sask, Man [2008], NWT-Alta [1063], BC [1012, 1816], Alta [F65], Que [1377]. The alternate host is *Picea* spp.
Pucciniastrum pyrolae (C:175): rust, rouille: II III on 1 Yukon, Mack, BC, Alta, Sask, Man [2008], Yukon [460], NWT-Alta [1063], Mack [53].

MORUS L. MORACEAE

1. *M. alba* L., white mulberry, mûrier blanc; imported from China, natzd., s. BC, s. Ont - s. Que.

Diplodia mori: on 1 Ont [1340]. A later homonym of *D. mori* Berk., published in 1847.
Diplodina acerina (Septomyxa tulasnei): on *M.* sp. Que [336].
Fusarium lateritium f. sp. *mori (F. lateritium* var. *mori*) (C:176): dieback, dépérissement fusarien: on 1 BC [1816]; on *M.* sp. Ont [1340, F62].
Massaria zanthoxyli: on *M.* sp. Ont [80].
Nectria cinnabarina (anamorph *Tubercularia vulgaris*): canker, chancre: on 1 Que [336].
Pseudolachnea hispidula (Dinemasporium h.): on 1 Ont [1340].

MUHLENBERGIA Schreb. GRAMINEAE

1. *M. cuspidata* (Torr.) Rydb.; native, Alta-Man.
2. *M. glomerata* (Willd.) Trin., agglomerated muhlenbergia, muhlenbergie, agglomérée; native, Yukon-Mack, BC-Nfld.

Phyllachora vulgata (C:176): tar spot, rayure goudronneuse: on 2 Ont [1340].
Puccinia schedonnardi (C:176): rust, rouille: on 1 Man [1276].
Tilletia asperifolii (C:176): Duran & Fischer [424] stated that *T. asperifolii* "in 1947 was ... reported in Canada (BC)" but the 1947 collection in DAOM was not published until 1953 [466].
Uromyces minimus (C:176): rust, rouille: II III on 2 Ont [1236].

MUSA L. MUSACEAE

Banana family comprised of about 100 species from the tropics of both hemispheres. Some are grown as indoor ornamentals (e.g., the bird-of-paradise flower).

Acremonium sp.: on *M.* sp. Ont [1601].
Blistum musae: on *M.* sp. Ont [1601]. This fungus developed on imported bananas that had been incubated in a moist chamber.
Chalara paradoxa: on *M.* sp. Ont [1165].
Verticillium sp.: on *M.* sp. Ont [1601].

MYOSOTIS L. BORAGINACEAE

Soft-hairy annual or perennial herbs of temperate regions, low; cultivated forms mostly from Europe.

Oidium sp. (C:176): powdery mildew, blanc: on *M.* sp. BC [339], Que [338].

MYRICA L. MYRICACEAE

1. *M. gale* L., sweet gale, bois-sent-bon; native, Yukon-Keew, n. Que-Labr, BC-Nfld.

Cronartium comptoniae (C:176): rust, rouille: II III on 1 NWT-Alta [1063], Mack [53, F65], Mack, BC, Alta, Sask, Man, Ont, Que, NS [735], Mack, BC, Sask [2008], Keew [732], BC [1012, 1122, 1816, 2006], Sask [F73], Ont [1236, 1341, 1828, F67, F69, F75], Que [1377], NB, NS [1856], NS [F66].
Ramularia destructiva (C:176): on 1 BC [1012, 1816], Ont [1340].
Uncinula adunca (U. salicis) (C:176): powdery mildew, blanc: on 1 BC [1012, 1816]. These records were based on UBC 1889 and the specimen should be restudied.

NARCISSUS L. AMARYLLIDACEAE

1. *N. poeticus* L., poet's narcissus, narcisse des poètes; imported from Europe, a garden escape, Ont-NB, Nfld. 1a. *N. p.* var. *recurvis* (Haw.) Bak. ex Burb.
2. *N. pseudonarcissus* L., common daffodil, narcisse faux-narcisse; imported from Europe, a garden escape, Ont.
3. Host species not named, i.e., reported as *Narcissus* sp.

Armillaria mellea (C:176): dry rot, pourridié-agaric: on 3 BC [1816].

Botryotinia narcissicola (C:176): neck rot or smolder, feu du collet: on 2 BC [336]; on 3 BC [334, 337, 1816].

B. polyblastis (C:176): fire, feu: on 3 BC [1816].

Ceratocystis narcissi: on 3 Man [1190].

Fusarium sp.: on 2 BC [336].

F. oxysporum f. sp. *narcissi* (C:177): basal rot, pourridié fusarien: on 3 BC [1816].

Heterosporium sp.: on 3 BC [1816].

Penicillium sp.: on 3 BC [1816].

Ramularia vallisumbrosae (C:177): white mold, moisissure blanche: on 3 BC [334, 1816].

Sclerotium sp.: on 3 BC [334].

Stagonospora curtisii (C:177): leaf scorch, grillure: on 2 BC [336]; on 3 BC [334, 337, 338, 1816].

NEMOPANTHUS Raf. AQUIFOLIACEAE

1. *N. mucronatus* (L.) Trel., mountain holly, faux houx; native, Ont-Nfld.

Dermea peckiana (C:177): on 1 Ont [1340], Que [F69].

Durandiella nemopanthis (C:177): on 1 Ont [1340].

Godroniopsis nemopanthis (C:177): on 1 Ont [1340].

Irpex lacteus (Polyporus tulipiferae): on 1 Ont [1341]. See *Acer*.

Microsphaera penicillata (C:177): powdery mildew, blanc: on 1 Ont [1257].

Phellinus inermis: on 1 Ont [1235]. Associated with a white rot.

Ramularia nemopanthis: on 1 Ont [1340].

Rhytisma prini (R. ilicis-canadensis) (C:177): on 1 Ont [1340], Que [F69].

NEPETA L. LABIATAE

1. *N. cataria* L., catnip, herbe aux chats; imported from Eurasia, introduced, BC-Nfld.

Phialea cyathoidea (Helotium c.): on 1 Ont [1340].

NESLIA Desv. CRUCIFERAE

1. *N. paniculata* (L.) Desv., ball mustard, neslie paniculée; imported from Eurasia, introduced, Yukon-Mack, BC-Nfld.

Pseudocercosporella capsellae (Cercosporella nesliae) (C:178): on 1 Alta [380], Sask [1326].

NICOTIANA L. SOLANACEAE

1. *N. alata* Link & Otto, flowering tobacco; imported from South America.
2. *N. tabacum* L., tobacco, tabac; imported from tropical America.

Alternaria sp.: on 2 Ont [335, 336, 337, 338, 339, 1290, 1594].

A. alternata (A. tenuis auct.) (C:178): on 2 Ont [548, 550].

A. longipes (C:178): brown spot, tache brune: on 2 Ont, NB [334].

Ascochyta daturae (A. nicotianae) (C:178): leaf spot, tache ascochytique: on *N.* sp. BC [1816].

Aspergillus sp.: on 2 Ont [550].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*): on 2 Ont [548].

Fusarium sp.: on 2 Ont [338, 339, 1594].

F. tricinctum: on 2 Ont [548].

Myrothecium verrucaria: on leaves of seedlings of 2 Ont [549].

Penicillium sp.: on 2 Ont [550].

Pythium sp. (C:179): soft rot, pourriture pythienne: on 2 Ont [334, 335, 336, 337, 338, 339, 549, 1290, 1594].

P. ultimum: on 2 Ont [550].

Rhizoctonia sp.: on 2 Ont [1290].

R. solani (holomorph *Thanatephorus cucumeris*) (C:179): sore shin, tige noire: on 2 Ont [334, 335, 336, 337, 338, 339, 549, 550, 1594, 1595], NS, PEI [335].

Rhizopus sp.: on 2 Ont [338, 339, 1594].

R. arrhizus: on 2 Ont [545, 549].

R. circinans (R. reflexus): on 2 Ont [548].

Sclerotinia sclerotiorum: on 2 Ont [394, 549].

Thanatephorus cucumeris (anamorph *Rhizoctonia solani*): on 2 Ont [550].

Thielaviopsis basicola (C:179): black root rot, pourridié noir: on 2 Ont [274, 334, 335, 337, 338, 339, 543, 544, 546, 547 by inoculation, 549, 1290, 1291, 1595], Que [1291], NS [1594]; on *N.* sp. Ont, Que [1397]. Losses from this disease were considerable in certain production areas of s. Ont between 1977-1981.

Verticillium dahliae: on 2 Que [676, 1606, 1982 by inoculation].

V. nigrescens: on 2 Que [1607].

NIEREMBERGIA Ruiz & Pav. SOLANACEAE

Perennial herbs and subshrubs, native to Central and South America. In Canada grown as indoor plants.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:180): gray mold, moisissure grise: on *N.* sp. BC [1816].

NOTHOFAGUS Blume FAGACEAE

Deciduous or evergreen, beech-like trees or shrubs, native to temperate South America, New Zealand, se. Australia, New Caledonia and New Guinea.

Cucurbitaria sp.: on *N.* sp. BC [1012].

Valsa sp.: on *N.* sp. BC [1012].

NUPHAR Sm. NYMPHAEACEAE

1. *N. advena* (Ait.) Ait. f. *(Nymphaea a.* Ait.); native, s. Ont.

Mycosphaerella pontederiae: on 1 Ont [1340].
Ovularia nymphaerum: on *N.* sp. BC [1816].

OEMLERIA Reichb. ROSACEAE

1. *O. cerasiformis* (Torr. & Gray) Landon (*Osmaronia c.* (Torr. & Gray) Greene), osoberry; native, BC.

Cylindrobasidium evolvens (Corticium laeve) (C:182): on 1 BC [1012].
Cylindrosporium nuttalliae (C:182): on 1 BC [1012, 1416, 1816]. This fungus is not a *Cylindrosporium*, but it has not been transferred to another genus.

OENANTHE L. UMBELLIFERAE

1. *O. sarmentosa* Presl; native, BC.

Septoria oenanthis (C:180): on 1 BC [1551, 1816].

OENOTHERA L. ONAGRACEAE

1. *O. biennis* L., yellow evening primrose, mâche rouge; native, BC-Nfld. 1a. *O. b.* var. *biennis* f. *biennis* (*O. victorinii* Gates & Catchside).
2. *O. nuttallii* Sweet, white evening primrose, onagre blanche; BC-Man, introduced, w. Ont.
3. *O. parviflora* L., small-flowered evening primrose, onagre parviflore; native, BC-Nfld.
4. *O. perennis* L.; introduced, BC, se. Man-NS, Nfld.

Erysiphe cichoracearum (C:181): powdery mildew, blanc: on *O.* sp. BC [1816].
E. communis (E. polygoni) (C:181): powdery mildew, blanc: on 1 Ont, Que, NS [1257]; on 1, 3 Que [1546].
Gnomonia misella: on 1 Ont [79].
Peronospora arthuri (C:181): downy mildew, mildiou: on 1 Sask, Ont, NS, PEI [1546]; on 1a Que [1546].
Puccinia dioicae (C:181): rust, rouille: 0 I on 1 Ont [1236], NB [333, 1194].
Scopinella solani: on 1 Ont [1039].
Septoria oenotherae (C:181): leaf spot, tache septorienne: on 1 BC, Alta, Man, Ont, on 1, 2 Sask, on 1, 3, 4 Que, on 4 Ont, NS, all from [1546]; on *O.* sp. BC [1816], NB [1032].
Uromyces plumbarius (C:181): rust, rouille: on 3 NB [762].

ONCIDIUM Sw. ORCHIDACEAE

1. *O. longipes* Lindl. & Paxt.; imported from Brazil.

Uredo behnickiana (C:181): rust, rouille: II on 1 Ont [1236].

ONOBRYCHIS Mill. LEGUMINOSAE

1. *O. viciifolia* Scop., sainfoin, esparcette; imported from Eurasia, introduced, BC, Ont.

Acremonium boreale: on 1 BC, Alta, Sask [1707].
Ascochyta pisi (A. orobi) (C:181): leaf and stem spot, tache ascochytique: on 1 BC [1816].
Rhizoctonia leguminicola: on 1 Alta [125].
Sclerotinia trifoliorum (C:181): sclerotinia wilt, flétrissure sclerotique: on 1 BC [1816].
Verticillium albo-atrum: on 1 Que [36].
V. dahliae: on 1 Que [36].

ONOCLEA L. POLYPODIACEAE

1. *O. sensibilis* L., sensitive fern, onoclée sensible; native, Man-Nfld, Labr.

Gnomonia artospora: on 1 Ont [79].
Uredinopsis americana (U. mirabilis) (C:181): rust, rouille: II^{1} II^{2} III on 1 Ont [1236], Que [1377]. The alternate hosts are *Abies* species.

ONOSMODIUM Michx. BORAGINACEAE

1. *O. molle* Michx., marble seed; native, Alta-Ont. 1a. *O. m.* var. *hispidissimum* (Mack.) Cronq. (*O. carolinianum* of most Canadian reports); native, Man-Ont.

Ophiobolus acuminatus: on *O.* sp. Ont [1620], reported on *Osmodium*.
O. cesatianus: on 1a Ont [1620].
O. niesslii: on *O.* sp. Ont [1620].

OPLOPANAX (Torr. & Gray) Miq. ARALIACEAE

1. *O. horridus* (Sm.) Miq., devil's club, bois piquant; native, Yukon, BC-Alta.

Ophiobolus mathieui: on 1 BC [1620].

ORTHOCARPUS Nutt. SCROPHULARIACEAE

1. *O. luteus* Nutt.; native, BC-Ont.

Cronartium coleosporioides (aecial state *Peridermium stalactiforme*): rust, rouille: on 1 NWT-Alta [1063], Alta [735]. The alternate hosts are 2- and 3-needle pines, e.g. *Pinus banksiana* and *P. contorta*.

ORYZOPSIS Michx. GRAMINEAE

1. *O. asperifolia* Michx., rough mountain rice, oryopsis à feuilles rudes; native, Mack, BC-NS, Nfld.

Puccinia brachypodii-phoenicoides var. *davisii*: rust, rouille: on 1 Ont [350].

P. pygmaea (C:182): rust, rouille: II III on 1 BC [1012, 1816]; on 1, *O.* sp. Ont [1236].

OSMORHIZA Raf. UMBELLIFERAE

1. *O. chilensis* Hook. & Arn., Chile sweet cicely, osmorhize de Chile; native, BC-NS, Nfld.
2. *O. claytonii* (Michx.) C.B. Clarke, hairy sweet cicely, osmorhize de Clayton; native, Ont-Nfld.
3. *O. depauperata* Phil.; native, Mack, BC-NS, Nfld, Labr.
4. *O. longistylis* (Torr.) DC., anise-root, osmorhize à long style; native, Alta-NS.
5. *O. purpurea* (Coult. & Rose) Suksdorf; native, BC-Alta.

Puccinia pimpinellae (C:182): rust, rouille: on 1, 5 BC [1012, 1816]; on 2, 4, *O.* sp. Ont [1236]; on *O.* sp. BC, Alta [1551], Ont [1341].
P. pimpinellae ssp. *carlottae*: rust, rouille: on 1, 5 BC [1551].
P. pimpinellae ssp. *pimpinellae*: rust, rouille: on 1, 3 BC, Alta, on 2 Sask, on 5 BC [1551].
Ramularia reticulata: on 4 Ont [195].
Septoria aegopodii (Phloeospora a.) (C:182): on 1 BC [1816].
S. osmorrhizae (Phloeospora o.) (C:182): on 1, 3, 5 BC, on 2, *O.* sp. Ont, Que, on 4 Man, Ont [1551].

OSMUNDA L. OSMUNDACEAE

1. *O. cinnamomea* L., cinnamon fern, osmonde cannelle; native, Ont-Nfld.
2. *O. claytoniana* L., interrupted fern, osmonde de Clayton; native, Man-Nfld, Labr.
3. *O. regalis* L., royal fern, osmonde royale; native, Ont-Nfld.

Mycosphaerella minor (C:182): on 3 Que [70].
Uredinopsis osmundae (C:182): rust, rouille: II III on 1, 2, 3 Ont [1236], Que [1377]; on 1 NS [1032, F65]; on 2 Que [282], NB, NS [1032]; on *O.* sp. Ont [1236], NS, PEI [1032]. The alternate host is *Abies balsamea*.

OSTRYA Scop. BETULACEAE

1. *O. virginiana* (P. Mill.) K. Koch, American hop hornbeam, bois de fer; native, Man-NS.
2. Host species not named, i.e., reported as *Ostrya* sp.

Aleurodiscus oakesii (C:183): on 1 Ont [964, 1341], Que [964, F67], NB [1032]. Lignicolous.
Ceraceomyces serpens: on 1 Ont [568]. Lignicolous.
Cerrena unicolor (Daedalea u.): on 1 Ont [1341]. See *Acer*.
Chondrostereum purpureum (Stereum p.): on 1 Ont [1341]. See *Abies*.
Ciboria betulicola: on 2 Ont [429], Que [662].
Conoplea olivacea (C. sphaerica): on 2 Ont [784].
Coriolus hirsutus (Polyporus h.): on 1 Ont [1341]. See *Abies*.
C. versicolor (Polyporus v.): on 1 Ont [1341]. See *Abies*.
Cylindrosporium dearnessii (C:183): leaf spot, tache des feuilles: on 1 Ont [1340], NB, NS [1032]. Probably not a *Cylindrosporium*.
Daedaleopsis confragosa (Daedalea c.): on 1 Ont [1341]. See *Acer*.
Dendrothele alliacea (Aleurocorticium a.): on 1 Ont [965]. Lignicolous.
D. griseo-cana (Aleurocorticium g.): on 1 Ont, Que [965]. Lignicolous.
D. microspora (Aleurocorticium m.): on 1 Ont [965]. Lignicolous.
Diatrype albopruinosa: on 1 Ont [1340, 1354].
Diplodia sp.: on 2 Ont [1340].
Favolus alveolaris: on 1 Ont [1341]. See *Acer*.
Fomes fomentarius: on 1 Ont [1341]. See *Acer*.
Ganoderma applanatum (Fomes a.): on 1 Que [1391]. See *Acer*.
Gloeoporus dichrous (Polyporus d.): on 1 Ont [1341]. See *Acer*.
Gnomonia ulmea: on 1 NB [1032]. The specimen may be *G. ostryae*.
Hendersonia ostryigena: on dead limbs of 1 Ont [440]. The proper generic disposition for this species is uncertain. See *Abies*.
Hericium erinaceus: on 1 Ont [1341]. Probably *H. americanum*. See comment under *Acer*.
Hymenochaete corrugata: on 1 Ont [1341]. See *Abies*.
H. tabacina: on 1 Ont [1341], NB [1032]. See *Abies*.
Hypoxylon cohaerens: on 1 Ont [1340].
H. rubiginosum: on 1 Ont [1340].
Melanconis ostryae (C:183): on 1 Ont, Que [1340].
Melanconium sp.: on 2 Ont [1340].
Microsphaera penicillata: powdery mildew, blanc: on 1 Que [1257].
Monostichella robergei (Gloeosporium r.): on 1, 2 Ont [1340].
Oxyporus populinus (Fomes connatus): on 1 NB [1032]. See *Acer*.
Pezicula carpinea (anamorph *Cryptosporiopsis fasciculata*): on 1 Ont [F62].
Phellinus igniarius (Fomes i.) (C:183): on 1 Ont [1341], Que [1341, 1377], NB [1032]. See *Acer*.
P. laevigatus (Poria l.): on 1 Ont [1341]. See *Acer*.
P. punctatus (Poria p.): on 1 Ont [1341]. See *Abies*.
Robergea cubicularis: on 2 Ont [1608].
Taphrina virginica (C:183): leaf blister, cloque des feuilles: on 1 Que [1377].

Tyromyces caesius (Polyporus c.): on 2 Ont [1828]. See *Abies*.
Valsa sp.: on 2 Ont [1340].

OXALIS L. OXALIDACEAE

1. *O. corniculata* L., creeping lady's sorrel, oxalide cornue; imported from Eurasia.
2. *O. corymbosa* DC.; imported from tropical America.
3. *O. montana* Raf.; common wood sorrel, oxalide de montagne; native, Ont-Nfld, Labr.
4. *O. rubra* St. Hil.; imported from Brazil.
5. *O. stricta* L., European wood sorrel, pain d'oiseau; native, Sask-PEI.

Microsphaera russellii (C:183): powdery mildew, blanc: on 1, 5 Ont, NS, on 3 Ont, on 5 Que [1257].
Puccinia oxalidis (C:183): rust, rouille: II on 2, 4 Ont [1236].
P. sorghi: rust, rouille: on 1 Que [1103] by inoculation.

OXYRIA Hill POLYGONACEAE

1. *O. digyna* (L.) Hill, mountain sorrel, oxyrie digyne; native, Yukon-Labr, Que, NS, Nfld.

Mycosphaerella oxyriae (C:183): on 1 Yukon, Frank, Que [1586].
Puccinia oxyriae (C:183): rust, rouille: on 1 Frank, Keew [1586].
Ustilago vinosa (C:183): smut, charbon: on 1 Frank [1239, 1244, 1543, 1544, 1586], Alta [644].
Venturia oxyriae (Coleroa o.) (C:183): on overwintered leaves and stalks of 1 BC [73].

OXYTROPIS DC. LEGUMINOSAE

1. *O. campestris* (L.) DC.; native, Yukon-Labr, BC-NS, Nfld. 1a. *O. c.* var. *gracilis* (A. Nels.) Barneby; native, BC-Man. 1b. *O. c.* var. *johannensis* Fern., St. John's River oxytropis, oxytropis du fleuve St. Jean; native, Man, Que-NS, Nfld, Labr. 1c. *O. c.* var. *terrae-novae* (Fern.) Barneby.
2. *O. maydelliana* Trautv.; native, Yukon-Labr, BC, Que.
3. *O. nigrescens* (Pallas) Fisch.; native, Yukon-Frank.
4. *O. sericea* Nutt.; native, Yukon-Mack, BC-Man. Our plant is referable to *O. sericea* var. *spicata* (Hook.) Barneby.
5. *O. splendens* Dougl. ex Hook.; native, Yukon-Mack, BC-Ont.
6. *O. viscida* Nutt. ex Torr. & Gray; native, Mack-Frank, n. Que, BC-Alta. 6a. *O. v.* var. *hudsonica* (Greene) Barneby; native, Mack-Frank, n. Que.

Phloeospora serebrianikowii (Cylindrosporium s.): on 2 Frank [1244].
Phyllosticta sp.: on 2 Frank [1244].
Uromyces lapponicus (C:184): rust, rouille: on 1a Yukon [7]; on 2 Frank [1543].
U. lapponicus var. *oxytropis*: rust, rouille: on 1c Que, Nfld, on 2 Mack, Frank, on 2, 3 Yukon, on 2, 6a Keew, all from [1589].
U. punctatus: rust, rouille: on 1a BC, on 1b Que, on 4 BC, Man, on 5 Alta, all from [1587]; on *O.* sp. Que [282].

PAEONIA L. RANUNCULACEAE

1. *P. lactiflora* Pallas, peony, pivoine; imported from e. Asia.

Botrytis paeoniae (C:184): botrytis blight, brûlure botrytique: on 1 BC, Alta, NS [336], Alta [335], Alta, Sask [333, 1594], Alta, Que [334, 337, 338, 339], Man [334], Ont, Que, NB [333]; on *P.* sp. BC [1816], NB [1194].
Cercospora sp.: on *P.* sp. BC [1816].
Cladosporium paeoniae (C:184): leaf blotch, brûlure cladosporienne: on 1 Ont [334]; on *P.* sp. BC [1816].
Rhizoctonia solani (holomorph *Thanatephorus cucumeris*): on 1 NB [335].
Sclerotinia sclerotiorum: on 1 Ont [336].
Septoria paeoniae (C:184): septoria leaf spot, tache septorienne: on 2 BC [1816].

PANAX L. ARALIACEAE

1. *P. quinquefolius* L., ginseng; Ont-Que.
2. *P. trifolius* L., dwarf ginseng, petit ginseng; Ont-PEI.

Alternaria panax (C:185): leaf spot, brûlure alternarienne: on 1 BC [1816].
Puccinia araliae (C:185): rust, rouille: III on 2 Que [1236].
Ramularia sp. (C:185): disappearing rot, évanouissement: on 1 BC [1816].
Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:185): stem rot, rhizoctonie: on 1 BC [1816].

PANICUM L. GRAMINEAE

1. *P. capillare* L., witch-grass, mousseline; native, BC-PEI.
2. *P. miliaceum* L., broom-corn millet, panic millet; imported from Asia, natzd., BC-Alta, Man-Que, NS, PEI.
3. *P. virgatum* L., switchgrass, panic raide; native, Sask-Que, NS.

Puccinia emaculata (C:185): rust, rouille: II III on 1 Ont [1236].
P. panici (C:185): rust, rouille: II III on 3 Ont [1236].
Ustilago destruens (C:185): smut, charbon: on 2 BC [1816].

PARNASSIA L. SAXIFRAGACEAE

1. *P. fimbriata* Koenig; native, Yukon-Mack, BC-Alta.

Puccinia parnassiae: rust, rouille: on 1 Yukon, BC, Alta [1565], BC [1012, 1816], Alta [952].
Synchytrium aureum (C:186): on 1 Alta [644].

PARRYA R. Br. CRUCIFERAE

1. *P. nudicaulis* (L.) Boiss.; native, Yukon-Mack, BC.

Puccinia oudemansii (C:186): rust, rouille: on 1 Yukon, Frank [1563].

PARTHENOCISSUS Planch. VITACEAE

1. *P. quinquefolia* (L.) Planch. (*Ampelopsis q.* (L.) Michx.), virginia creeper, vigne vierge; native, Ont-Que, a garden escape in Man, NB-Nfld.
2. *P. tricuspidata* (Sieb. & Zucc.) Planch., Boston ivy, vigne-vierge du Japon; imported from China and Japan.

Cladosporium herbarum: on 2 Que [1594].
Phyllosticta ampelicida (P. viticola) (holomorph *Guignardia bidwellii*): on 2 Ont [334], Que [335].
Plasmopara viticola (C:186): downy mildew, mildiou: on 1 Man [335].
Septogloeum ampelopsidis: on 1 Ont [195].
Uncinula necator (C:186): powdery mildew, blanc: on 1 Alta [1594], Ont [334, 1257], Que [1257].

PASCOPYRUM Löve GRAMINEAE

See discussion of generic circumscriptions under *Agropyron*.

1. *P. smithii* (Rydb.) Löve (*Agropyrum s.* Rydb.), western wheatgrass or go-back grass, agropyre à tige bleue; native, s. prairies, Alta-Sask.

Puccinia montanensis (C:21): leaf rust, rouille brune: on 1 Man [350].

PASSIFLORA L. PASSIFLORACEAE

Vines climbing by tendrils, native to the new and old world but principally to the new world tropics. Often grown as ornamentals. Commonly known as passionflower (passiflore).

Alternaria passiflorae: on *P.* sp. BC [339].

PASTINACA L. UMBELLIFERAE

1. *P. sativa* L., parsnip, panais; imported from Eurasia.

Alternaria sp.: on 1 Ont [1708].
A. radicina (Stemphylium r.): on 1 NS [337].
Botrytis sp.: on 1 Alta [1594].
Cercospora pastinacae (C:187): early blight, brûlure cercosporéenne: on 1 NB [333, 1594], NS [335, 336].
Cylindrocarpon destructans (C. radicicola): on 1 NS [337].
Fusarium sp. (C:187): on 1 Ont [1708].
Itersonilia perplexans (C:187): canker, chancre: on 1 NB [1594], NS [334, 1594].
Mucor sp.: on 1 Ont [1708].
Ophiobolus rubellus: on 1 Ont [1620].
Phomopsis canadensis (C:187): stem blight, brûlure phomopsienne: on 1 Ont [195].
Pythium sp.: on 1 Ont [868, 1708].
P. irregulare: on 1 Ont [868] by inoculation.
P. sulcatum: on 1 Ont [868] by inoculation.
Ramularia pastinacae (Cercosporella p.) (C:187): leaf spot, tache ramularienne: on 1 BC [1816], Ont [333].
Rhizoctonia sp.: on 1 Ont [1708].
Rhizopus sp. (C:187): on 1 BC [1816].
Sclerotinia sclerotiorum (C:187): sclerotinia rot, pourriture sclérotique: on 1 BC [1816], Alta [337, 1594].
Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:187): on seeds of 1 Ont [667].
Streptomyces scabies (C:187): scab, gale commune: on 1 NS [336].
Ulocladium consortiale (Alternaria c., Stemphylium c.) (C:187): on seeds of 1 Ont [667].

PEDICULARIS L. SCROPHULARIACEAE

1. *P. bracteosa* Benth.; native, BC-Alta.
2. *P. canadensis* L., common lousewort, pédiculaire du Canada; native, Man-Que.
3. *P. capitata* Adams; native, Yukon-Frank, BC-Alta.
4. *P. flammea* L.; native, Mack-Labr, Man-Que.
5. *P. labradorica* Wirsing, Labrador lousewort, pédiculaire du Labrador; native, Yukon-Labr, BC-Que.
6. *P. lanata* Cham. & Schlecht., woolly lousewort; native, Yukon-Frank, BC, Que.
7. *P. lanceolata* Michx., lanceolate lousewort, pédiculaire lancéolée; native, Man-Ont.
8. *P. langsdorfii* Fisch. ex Stev.; native, Yukon-Frank, BC-Alta. 8a. *P. l.* ssp. *arctica* (R. Br.) Pennell (*P. arctica* R. Br.).
9. *P. lapponica* L., Lapland lousewort, pediculaire de Laponie; native, Yukon, Man-Que, Labr.
10. *P. ornithorhynca* Benth.; native, BC.
11. *P. racemosa* Dougl.; native, BC.
12. *P. sudetica* Willd.; native, Yukon-Frank, BC, Man-Que.

Ascochyta pedicularidis (Diplodina p.) (C:187): on 4, 6 Keew and on 6, 8a

Frank [1554, 1586]; on 5 Alta, Que and on 6 BC [1554].

Cronartium coleosporioides (aecial state *Peridermium stalactiforme*): rust, rouille: II III on 1 NWT-Alta [1063], BC [735, 1554], Alta [735, 952]; on *P.* sp. BC [953, 954], Alta [950, 951, 952]. The alternate hosts are 2- and 3-needle pines, e.g. *Pinus banksiana* and *P. contorta*.

Mycosphaerella pedicularis (C:187): on 1, 10 BC, on 4, 6, 8a, 12 Frank, on 5 Alta, Que, Nfld, on 9, 12 Keew, all from [1554].

Peronospora pedicularis: on 3 Keew [1554].

Puccinia clintonii (C:188): rust, rouille: III on 1 NWT-Alta [1063], BC [560, 1816]; on 2 Ont, Que [1236]; on 3 Frank [1239].

P. clintonii var. *bracteosae*: rust, rouille: on 1 BC [1012, 1553], Alta [644, 1553].

P. clintonii var. *clintonii*: rust, rouille: on 2 Ont, Que [1553].

P. clintonii var. *ornithorhynchae*: rust, rouille: on 10 BC [1553].

P. clintonii var. *racemosae*: rust, rouille: on 11 BC [1553].

P. helicalis (C:188): rust, rouille: on 3 Yukon, Frank [1553, 1586], Mack, Keew [1586], Frank [1543].

P. pedicularis: rust, rouille: on 4 Frank [1244, 1554].

Ramularia obducens: on 1 BC [1012, 1816].

Sphaerotheca fuliginea (C:188): powdery mildew, blanc: on 1 BC, Alta [1554], Alta [644]; on 2 Ont [1554]; on 2, 7 Ont [1257]; on 3 Yukon, Keew [1586], Keew [1554]; on 3, 8a Frank [1554, 1586].

Thanatephorus cucumeris (Pellicularia filamentosa) (anamorph *Rhizoctonia solani*) (C:188): on 9 Frank [1586].

PELARGONIUM L'Her. GERANIACEAE

1. *P.* x *domesticum* Bailey, *P. angulosum* var. *grandiflorum* x *P. cucullatum*, show geranium, géranium; a cultigen.
2. *P.* x *hortorum* Bailey, fish geranium; a cultigen.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:188): gray mold, moisissure grise: on 1 Ont [337]; on 2 BC [1816]; on *P.* sp. BC [163, 333, 334, 338], Ont [334], Que [333, 334].

Fusarium sp. (C:188): stem rot, pourridié fusarien: on *P.* sp. PEI [333].

Pythium sp.: on 2 BC [1816]; on *P.* sp. Sask [335].

P. splendens: on 2 Ont [164] by inoculation.

Verticillium sp.: on 2 BC [1816].

V. dahliae (C:188): verticillium wilt, flétrissure verticillienne: on 2 BC [336, 1816, 1978]; on *P.* sp. BC [334].

PELTANDRA Raf. ARACEAE

1. *P. virginica* (L.) Schott & Endl., tuckahoe, peltandre de Virginie; native, Ont-Que. Stemless, hardy perennial herb of swamps and margins of slow rivers in North America.

Uromyces ari-triphylli: rust, rouille: 0 I II III on 1 Ont [1236].

PENSTEMON Mitch. SCROPHULARIACEAE

1. *P. confertus* Dougl., yellow beard-tongue, penstémon dense; native, BC-Alta.
2. *P. ellipticus* Coult. & Fisch.; native, BC-Alta.
3. *P. fruticosus* (Pursh) Greene; native, BC-Alta.
4. *P. grandiflorus* Nutt.; native, w. USA.
5. *P. hirsutus* (L.) Willd., hairy beard-tongue, penstémon hirsute; native, Ont-Que.
6. *P. ovatus* Dougl.; native, BC.
7. *P. procerus* Dougl.; native, Yukon, BC-Man. 7a. *P. p.* var. *procerus*.
8. *P. serrulatus* Menzies; native, BC-Alta.

Cercospora penstemonis (C:189): leaf spot, tache cercosporéenne: on 6, 8 BC [1816].

Puccinia andropogonis (C:189): rust, rouille: 0 I on 5 Ont [1236]; on 7 Yukon [460].

P. dasantherae: rust, rouille: on 3 BC [1012].

P. palmeri (C:189): rust, rouille: on 1, 2 BC [1816]; on 7 Yukon [7]; on 7a BC [1012].

Ramularia nivosa (C:189): on 4 Man and on 8 BC [1554].

PEPEROMIA Ruiz & Pav. PIPERACEAE

Mostly small, succulent herbs of wide distribution in tropical and subtropical areas.

Pythium spp.: on rooted cuttings of *P.* sp. Ont [337].

PERIDERIDIA Reichb. UMBELLIFERAE

1. *P. gairdneri* (Hook. & Arn.) Mathias, yampah; native, BC-Sask.

Cercosporidium punctiforme (Didymaria platyspora): on 1 Alta [1551].

Puccinia ligustici: rust, rouille: on 1 BC [1551].

PETASITES Mill. COMPOSITAE

1. *P. frigidus* (L.) Fries; native, Yukon-Labr, BC-Nfld. 1a. *P. f.* var. *frigidus*; native, Yukon-Frank, BC-Alta. 1b. *P. f.* var. *nivalis* (Greene) Cronq. *(P. nivalis* Greene, *P. vitifolius* Greene); native,

Yukon-Keew, BC-Que, Labr. 1c. *P. f.* var. *palmatus* (Ait.) Cronq. (*P. palmatus* (Ait.) Gray), palmate sweet coltsfoot, pétasite palmé; native, Yukon-Keew, BC-Nfld, Labr.

2. *P. sagittatus* (Baoks) Gray, arrow-shaped sweet coltsfoot, pétasite sagitté; native, Yukon-Keew, BC-Que, Labr.
3. *P.* hybrids (*P. palmatus x P. nivalis; P. palmatus x P. sagittatus*).

Puccinia conglomerata (P. nardosmii) (C:189): rust, rouille, III on 1 Yukon [1581]; on 1b, 1c Yukon, Ont, Que [1581], Ont [1236]; on 1b, 1c, 2, 3 BC, Alta [1581]; on 1c Yukon [7], NWT-Alta [1063], BC [1012, 1816], Sask [1581], Ont [437, 1341]; on 2 que [1236, 1581]; on *P.* sp. BC, Que [720].
P. poarum (C:189): rust, rouille: on 1 Yukon [460]; on 1c BC [1012, 1816].
Stagonospora petasitidis (C:189): on 1c BC [1012, 1816].

PETROSELINUM Hoffm. UMBELLIFERAE

1. *P. crispum* (P. Mill.) Mansf. (*P. hortense* Hoffm.), parsley, persil; imported from Europe, a garden escape, BC, Ont, Nfld.

Olpidium brassicae: on 1 Ont [67].
Pythium sp.: on 1 Ont [868] by inoculation.
P. irregulare: on 1 Ont [868] by inoculation.
P. sulcatum: on 1 Ont [868] by inoculation.
P. torulosum: on 1 Ont [868] by inoculation.
Septoria petroselini: on 1 BC [1816].
Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:189): on seeds of 1 Ont [667].
Ulocladium consortiale (Stemphylium c.): on seeds of 1 Ont [667].

PETUNIA Juss. SOLANACEAE

1. *P. x hybrida* Vilm., common petunia, pétunia ou St. Joseph; a cultigen.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:190): gray mold, moisissure grise: on 1 BC [1816], Ont, que [334].
Erysiphe cichoracearum (C:190): powdery mildew, blanc: on 1 Ont [1257].
Sclerotinia sclerotiorum (C:190): sclerotinia rot and wilt, flétrissure sclérotique: on 1 BC [338], Sask [337, 1140].

PHACELIA Juss. HYDROPHYLLACEAE

1. *P. heterophylla* Pursh; native, BC(?). Occurrence of this species in Canada is doubtful.

Puccinia phaceliae: rust, rouille: on 1 Alta [1578]. Possibly specimens of *P. hastata* Dougl.

PHALARIS L. GRAMINEAE

1. *P. arundinacea* L., reed canary grass, roseau; native, Yukon-Mack, BC-Nfld.
2. *P. canariensis* L., canary grass, graines d'oiseau; imported from n. Africa and the Canary Islands, natzd., Yukon-Mack, BC-PEI.

Bipolaris sorokiniana (holomorph *Cochliobolus sativus*): on 2 Alta [120].
Campanella subdendrophora: on 1 BC [1425].
Claviceps purpurea (C:190): ergot, ergot: on 1 Alta [133].
Drechslera tritici-repentis (holomorph *Pyrenophora t.*) (C:190): on 1 Ont [1611].
Helminthosporium sp.: on 1 Sask [338].
Puccinia sessilis (C:190): leaf rust, rouille des feuilles: II III on 1 Ont [1236].
Rhynchosporium orthosporum: on *P.* sp. Nfld [1595].
R. secalis (C:190): on 1 BC [1816]
Septoria sp.: on 1 Sask [338].
Stagonospora foliicola: on 1 Sask [1594].

PHASEOLUS L. LEGUMINOSAE

1. *P. coccineus* L., scarlet runner bean, haricot à rames; imported from tropical America.
2. *P. vulgaris* L., green bean, kidney bean, snapbean, fève; imported from tropical America.
3. Host species not named, i.e., reported as *Phaseolus* sp.

Alternaria sp.: on roots and/or hypocotyls of 2 Ont [677].
A. alternata (A. tenuis auct.) (C:191): on 2 NS [339].
Ascochyta sp.: on 2 NS [1594].
A. boltshauseri (C:190): leaf spot, tache ascochytique: on 2 BC [338, 1816], Que [338].
A. phaseolorum (C:190): leaf spot, tache ascochytique: on 2 BC [1816].
Bipoloaris sorokiniana (holomorph *Cochliobolus sativus*) (C:191): on 2 NB [336, 612], NS [595, 1594].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:190): gray mold, moisissure grise: on 1 BC [337]; on 2 BC [1816, 1817, 1818], NB [333, 339], NB, NS [334, 335, 336, 1594], PEI [334]; on 3 NB [338], NB, PEI [337].
Cochliobolus sativus (anamorph *Bipolaris sorokiniana)*: on roots and/or hypocotyls of 2 Ont [677].
Colletotrichum lindemuthianum (C:191): anthracnose, anthracnose: on 2 BC [1816], Alta [334, 339], Ont [335, 339, 1775, 1836, 1837, 1906, 1907], Que [335], NB [333, 334, 335, 336, 339,

1594], NS [333, 335], PEI [333, 334]; on 3 Ont, NB, NS, PEI [337], NB [338]. The Delta race of anthracnose was first observed in Ont in 1976. Subsequent surveys of Pedigreed seed fields revealed 30% infected in 1977 but by 1980 only 1 of 181 fields surveyed was infected. This was due to increased use of resistant bean varieties.

Corynespora cassiicola: on 2 Ont [1599].

Fusarium sp. (C:191): on 2 Alta, Que [1594], Ont [1460, 1461, 1777, 1594]; on 3 BC, Ont, PEI [338].

F. acuminatum (C:191): on 2 Alta [677].

F. avenaceum on 2 Ont [677].

F. culmorum (C:191): on 2 Ont [677].

F. equiseti (C:191): on 2 Ont [677].

F. graminearum (holomorph *Gibberella zeae*): on 2 Ont [677].

F. oxysporum (C:191): on 2 Ont [677].

F. poae (C:191): on 3 Ont [169].

F. solani (holomorph *Nectria haematococca*): on 2 Ont [677, 1775], Ont, NB [339].

F. solani f. sp. *phaseoli* (C:191): dry root rot, pourridié fusarien: on 2 BC [1816], Ont [250, 251, 334, 335, 336, 1776, 1905], Que [335].

F. tricinctum: on 2 Ont [677].

Gliocladium roseum: on 2 Ont [677].

Penicilliuum sp.: on 2 Ont [677].

Pythium sp. (C:191): damping off or root rot, fonte des semis ou pourridié pythien: on 2 BC [1816], Ont [677, 868].

P. irregulare: on 2 Ont [868] by inoculation

P. sulcatum: on 2 Ont [868] by inoculation.

P. sylvaticum: on 2 Ont [868].

P. torulosum: on 2 Ont [868] by inoculation.

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:191): damping-off or stem rot, fonte des semis ou rhizoctonie: on 2 BC [1816], Ont [337, 339, 677, 1460, 1461, 1594, Que [214, 333, 336], NB [336, 339, 1594]; on 3 BC, Ont, PEI [338].

Rhizopus sp. on 2 Ont [677].

Sclerotinia sp.: on 2 Sask [420, 1138], Man [1138].

S. sclerotiorum (C:191) : stem rot, flétrissure sclerotique: on 1 BC [338]; on 2 BC [336, 1816, 1817, 1818], Alta [335, 772]. Sask [1319], Ont [250, 251, 334, 335, 336, 339, 671, 677, 1460, 1594, 1595, 1775, 1776, 1777, 1905, 1911], Que [335], NB [336, 339], NS [335, 339], PEI [333, 334]; on 3 BC, Ont, NB [337], Ont, NB, NS [338].

Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:191): on seeds of 1 Ont [667].

Stilbella flavescens: on 2 Que [2], a symptomless parasitic fungus.

Trichoderma sp.: on 2 Ont [677].

Ulocladium consortiale (*Alternaria c., Stemphylium c.*) (C:191): on seeds of 1, 2 Ont [667].

Uromyces appendiculatus (U. phaseoli, U. p. var. *phaseoli, U. p.* var. *typica)* (C:191): rust, rouille: 0 I II III on 1 BC [337, 338], Ont [1236]; on 2 BC [338, 1816], Ont [250, 251, 334, 335, 336, 1236, 1775, 1776, 1905]. Both reports of var. *typica* were based on the same specimens.

Verticillium nigrescens: on 3 Que [38, 392, 393].

PHILADELPHUS L. SAXIFRAGACEAE

1. *P. lewisii* Pursh, mock orange, seringa de Lewis; native, BC-Alta.

Phyllactinia guttata (C:192): powdery mildew, blanc: on *P.* sp. BC [1816].

Septoria philadelphi (C:192): leaf spot, tache septorienne: on 1 BC [1816].

Verticillium albo-atrum: on *P.* sp. Que [337].

V. dahliae: on *P.* sp. Que [38].

PHIPPSIA (Trin.) R. Br. GRAMINEAE

1. *P. algida* (Soland.) R. Br. (*P. concinna* (Fries) Lindeb.); native, Mack-Labr.

Hysteropezizella diminuens: on 1 Frank [664].

PHLEUM L. GRAMINEAE

1. *P. pratense* L., timothy, mil; imported from Eurasia, natzd., Yukon-Mack, BC-Nfld. 1a. *P. p.* var. *nodosum* (L.) Huds. *(P. nodosum L.)*.
2. Host species not named, i.e., reported as *Phleum* sp.

Acremonium boreale: on 1 BC, Alta, Sask [1707].

Belonioscypha culmicola (Belonidium vexatum): on 2 Ont [228].

Bipolaris sorokiniana (Helminthosporium sativum) (holomorph *Cochliobolus sativus*): on 1 Alta [120], Sask [961] both by inoculation; on 2 Sask [697].

Cercosporidium graminis (Passalora g.) (C:193): brown stripe, strie brune: on 1 BC [1816], Que [32], NB [333, 1195], PEI [1974]; on 2 Que [339].

Claviceps sp.: on 1 Alta [1781].

C. purpurea (C:192): ergot, ergot: on 1 Ont, Que [335]; on 2 BC [339], Alta [338].

Colletotrichum graminicola (C:192): anthracnose: on 2 Que [334].

Dendryphion nanum: on 1 Alta [819].

Drechslera phlei (C:192): on 1 Alta [119, 121, 123, 133, 1611], Sask [983, 1701 on seeds], Man [1611], Ont [1611, 1701 on seeds, 1729]; on 1a Sask [983].

Erysiphe graminis (C:192): powdery mildew, blanc: on 1 PEI [1974].

Heterosporium phlei (C:192): purple spot, tache pourpre: on 1 BC [1816], Alta [107, 119, 122, 123], Alta, Sask [1594], Ont [1729], Que [282], Que, Nfld [334, 335], NB [1195], NB, NS, Nfld [333], PEI [335, 1974], Nfld [337]; on 1, 1a Sask [983]; on 2 Alta [338, 339], Sask, Nfld [339].

Mycosphaerella lineolata (C:193): on 1 Que [70].

Olpidium brassicae: on 1 Ont [68].

Phaeosphaeria herpotrichoides: on 1 Que [70].

Phloeospora idahoensis (holomorph *Didymella festucae*): on 1 Alta [1708].

Phyllachora graminis (C:193): tar spot, rayure goudronneuse: on 1 Que [334].

Pseudoseptoria donacis (Selenophoma d.) (C:193): eye spot, tache ocellée: on 1 Nfld [336]; on 2 Que [339]. These specimens on *Phleum* are probably *P. stomaticola*.

P. stomaticola (*Selenophoma donacis* var. *s.*) (C:193): eye spot, tache ocellée: on 1 Nfld [1595].

Puccinia graminis (C:193): stem rust, rouille de la tige: II III on 1 BC [1012, 1816], Ont [1236], Que [337], NB [333, 1195].

Rhynchosporina meinersii (C:193): on 1 Ont [1729].

Sclerophthora macrospora: downy mildew, mildiou: on 1 Alta [338].

Sclerotinia borealis (C:193): snow mold, moisissure des neiges: on 1 BC [1816].

Stemphylium botryosum (holomorph *Pleospora herbarum*): on seeds of 1 Ont [667].

Ustilago salvei (U. striiformis auct.) (C:193): stripe smut, charbon strié: on 1 BC [1816], Que [336, 337], NB [333, 1195]; on 2 Ont [334].

PHLOX L. POLEMONIACEAE

1. *P. divaricata* L., blue phlox, phlox divariqué; native, Ont-Que.
2. *P. drummondii* Hook., annual phlox; imported from Texas, a garden escape, Ont, NB.
3. *P. paniculata* L., perennial phlox; imported from e. USA, a garden escape, Ont-NS.
4. *P. subulata* L., moss pink; native, Ont., a garden escape, Ont-Que, NS.
5. Host species not named, i.e., reported as *Phlox* sp.

Colletotrichum dematium: on 5 Que [337].

Erysiphe cichoracearum (C:193): powdery mildew, blanc: on 1, 2 Ont [1257]; on 3 BC [333, 1816], Ont [337, 1809], Que [338]; on 3, 5 Ont, Que [1257]; on 5 Alta, Que [339], Alta, NS [1594], Ont [333, 1340], Que, NS [333, 338], NB [1194].

E. communis: powdery mildew, blanc: on 3 Alta, Ont [336]; on 5 Alta, Que [335], Ont, Que, NS, PEI [334], Que [336]. Specimens may be *E. cichoracearum*.

Peronospora phlogina (C:193): downy mildew, mildiou: on 3 Que [335]; on 4 BC [1816].

Phytophthora sp.: on 3 BC [1816].

Puccinia plumbaria (C:193): rust, rouille: 0 I III on 1 Ont [1236].

Septoria divaricata (C:194): leaf spot, tache septorienne: on 2, 3 BC [1816]; on 3 NB [333]; on 5 NB [333, 1194], NS [334].

Verticillium dahliae: on 3 BC [334, 1978].

PHOTINIA Lindl. ROSACEAE

1. *P. serrulata* Lindl.; imported from China.

Oidium sp.: powdery mildew, blanc: on 1 BC [335, 1816].

PHRAGMITES Adans. GRAMINEAE

1. *P. australis* (Cav.) Trin. *(P. communis* (L.) Trin.*)*, reed, roseau; native, Mack, BC-PEI.

Puccinia magnusiana (C:194): rust, rouille: II III on 1 Man [1341], Ont [1236].

P. phragmitis (C:194): rust, rouille: II III on 1 Man [1238], Ont [1236, 1238, 1341].

PHRYMA L. PHRYMACEAE

1. *P. leptostachya* L., lopseed, phryme à épic grêles; native, Man-NB. A slender, glabrous perennial herb.

Ophiobolus anguillidus: on 1 Ont [1620].

PHYLLODOCE Salisb. ERICACEAE

1. *P. caerulea* (L.) Bab., purple mountain heather, phyllodoce bleue; native, Mack-Labr, Man, Que, NS, Nfld.
2. *P. empetriformis* (Sm.) D. Don, pink mountain heather; native, Yukon-Mack, BC-Alta.

Exobasidium phyllodoces: on 2 BC [1012, 1578].

Herpotrichiella fusispora (C:194): on 1 Que [70].

Herpotrichia juniperi (H. nigra): on 2 Alta [952].

Physalospora hyperborea (C:194): on 1 Que [70].

Protoventuria latispora (Antennularia l.): on overwintered leaves of 1 Que [73].

PHYSALIS L. SOLANACEAE

1. *P. heterophylla* Nees, clammy ground cherry, cerise de terre sauvage; native, Man-NS.
2. *P. virginiana* Mill.; native, Man-Que.

Aecidium physalidis (C:194): rust, rouille: O I on 1 Ont [1236, 1282].

Puccinia physalidis (C:194): rust, rouille: III on 1 Ont [1236], Ont, Que [1283]; on 2 Man [1283].

PHYSOCARPUS Maxim. ROSACEAE

1. *P. opulifolius* (L.) Maxim., ninebark, bois à sept écorces; native, BC-Alta, Ont-Que. Deciduous, spirea-like shrubs with exfoliating bark.

Phellinus ferreus (Poria f.): on 1 BC [1012]. See Acer.

Sphaerotheca macularis (S. humuli): powdery mildew, blanc: on 1 Ont [1254, 1257, 1340].

PHYSOSTEGIA Benth. LABIATAE

1. *P. parviflora* Nutt., small flowered false dragonhead, physostégie à petites fleurs; native, BC-Ont.
2. *P. virginiana* (L.) Benth., false dragonhead, physostégie de Virginie; native, Man-NS.

Puccinia physostegiae (C:195): rust, rouille: on 1 BC [1012, 1816]; on 2 Ont [1236].

PICEA A. Dietr. PINACEAE

1. *P. abies* (L.) Karst., Norway spruce, épinette de Norvège; imported from Europe.
2. *P. engelmannii* Parry, Engelmann spruce, épinette d'Engelmann; native, BC-Alta.
3. *P. glauca* (Moench) Voss, *(P. canadensis* (L.) BSP.*)*, white spruce, épinette blanche; native, Yukon-Keew, n. Que-Labr, BC-Nfld. 3a. *P. g.* var. *albertiana* (Brown) Sarg.; native, Keew, BC-Sask.
4. *P. mariana* (Mill.) BSP., black spruce, épinette noire; native, Yukon-Keew, BC-Nfld, Labr.
5. *P. pungens* Engelm., Colorado blue spruce, épinette de Colorado; imported from w. USA. 5a. *P. pungens* cv. kosteriana.
6. *P. rubens* Sarg. (*P. rubra* (Du Roi) Link), red spruce, épinette rouge; native, Ont-NS.
7. *P. sitchensis* (Bong.) Carr., Sitka spruce, épinette de Sitka; native, coastal-BC.
8. Host species not named, i.e., reported as *Picea* sp.

Acanthostigma parasiticum: on 3 Que [F62]; on 4 Que [F70].

Aleurocystidiellum subcruentatum (Aleurodiscus s.) (C:195): twig blight, brûlure des rameaux: on 3 BC [964, 1012], Que [964, 969], NS [1032]; on 8 Ont, NS [964, 1060], Que [1060].

Aleurodiscus amorphus (C:195): on 3 NWT-Alta [1063], Alta [53, 964, 1060]. See *Abies*.

A. canadensis (C:195): on 3 Ont, Que [964, 1060, 1341]; on 3 Ont [1827]; on 8 Ont, Que [1060]. See *Abies*.

A. fennicus (C:195): on 6 Que [964, 1060]. Lignicolous.

A. laurentianus (C:195): on 4 Que [964, 1060]. Lignicolous.

A. lividocoeruleus: on 3 Yukon, on 4 Ont, on 8 BC, Alta, Ont, Que, Nfld, all from [1060] and Ont [964], Que [969], NS [1032]. See *Abies*.

A. penicillatus (C:175): on 3 Que [964, 1060]; on 7 BC [964, 1012]; on 8 BC [1060]. See *Abies*.

A. piceinus (C:175): on 6 Ont [964], Que [1060]; on 8 Ont [964, 1060]. Lignicolous.

Allescheria terrestris: on 8 BC [1723], NB [1610].

Alternaria sp.: on 3, 5 Ont [1340]; on 4 Que [917]; on 5 Sask [1848].

A. alternata: on 8 Que [1610].

Amorphotheca resinae: on 7 BC [1012].

Amphinema byssoides (Peniophora b.) (C:198): on 2, 3 NWT-Alta [1063]; on 2 BC [1060], Alta [950, 1060]; on 3 Yukon [1060, 1110], Mack [53], BC [1012, 1060]; on 8 Que [969, 1060]. See *Abies*.

Amylocorticium subincarnatum: on 3 BC [1012, 1060]; on 3, 7 BC [1940]; on 8 Alta [1060], Ont [1940]. Associated with a brown rot.

A. subsulphureum: on 8 Alta [1060]. Associated with a brown rot.

Amylostereum chailletii (Stereum c.) (C:199): on 2, 8 NWT-Alta [1063] and Alta [1062]; on 3, 7 BC [1012, 1062]; on 3 BC [1718], Ont [1062]; on 4 Que [917, 1062]; on 6 NB, NS [1032, 1062]; on 8 Alta [952], Que [969]. See *Abies*.

Anomoporia bombycina (Poria b.): on 8 BC [1061], Alta [579, 1061], Ont [1341]. Associated with a brown rot.

A. myceliosa (Poria m.): on 7 BC [1061]. Associated with a white rot.

Antrodia albida (Coriolellus sepium, Trametes s.): on 2 NWT-Alta [1063]; on 3 Yukon [1061]; on 8 Alta [579, 1061]. See *Abies*.

A. carbonica (Poria c.): on 7 BC [1012, 1061]. See *Abies*.

A. crustulina (Poria c.) (C:199): on 2 NWT-Alta [1063], BC [1012, 1061]; on 3 Yukon [1061, 1110], NWT-Alta [1061, 1063], Mack [53], BC [1012, 1061, 1341], Ont [1341]; on 4 Nfld [1061], Labr [867]; on 4, 6 NS [1032, 1061]; on 8 NS, PEI [1032, 1061]. See *Abies*.

A. heteromorpha (Coriolellus h., Trametes h.) (C:196): brown cubical rot, carie brune cubique: on 2, 3, 8 NWT-Alta [1063]; on 2 BC [954], Alta [950, 952, 1061]; on 2, 3, 7 BC [1012, 1061]; on 3 Yukon, NWT, Alta, NB, NS [1061] also Yukon [1110], Mack [53], NB, NS [1032]; on 4 Alta, NS, Nfld [1061], Ont [1341], NS [1032]; on 8 BC [1061], Alta [951], Ont [1827], NS [1032, 1061].

A. lindbladii (Poria cinerascens) (C:199): on 2, 8 Alta [579, 1061]; on 3 BC [1012]; on 8 NS [1032, 1061]. See *Abies*.

A. serialis (Coriolellus s., Trametes s.) (C:196): brown cubical rot, carie brune cubique: on 2, 3, 4 BC, Alta [1061]; on 2, 3 NWT-Alta [1063], BC [1012]; on 3 Yukon, NWT, Sask, Que [1061], Mack [53]; on 4 NWT, Que, Nfld [1061], Mack [1110], Ont [1341]; on 7 BC [1012, 1341] and BC, Que [1061]; on 8 Alta [1061].

A. sinuosa (Coriolellus s., Poria s.) (C:196): on 3 BC [1012, 1061]; on 4 NS [1032, 1061]; on 7 BC [1012]. Associated with a brown rot.

A. sordida (Poria oleagina): on 8 BC [1061]. See *Abies*.

A. variiformis (Coriolellus v., Trametes v.) (C:196): brown cubical rot, carie brune cubique: on 2, 3 NWT-Alta [1063]; on 2 BC [1012, 1061, 1341]; on 3 Yukon, BC, Alta, Sask, Man [1061]; on 3 BC [1012], Sask, Man [579]; on 4, 8 Ont [1341], Nfld [1659, 1660, 1661]; on 6 Ont, Que, NB, Nfld [1061] and NB [1032]; on 7 BC [1012]; on 8 NS [1032].

A. xantha (Poria x.) (C:199): brown cubical rot, carie brune cubique: on 3 Yukon, NWT, BC, Alta, Nfld [1061] and NWT-Alta [1063], Mack [53]; on 3, 4, 7 BC [1012]; on 4 NWT [1061], Mack [579], Ont [1341]; on 7 BC [1061]; on 8 BC, Alta [1061].

Aphanomyces euteiches: on 3 NS [1036].

Appendiculella pinicola (Irenina p., Meliola p.) (C:197): on 3 Nfld [1659, 1660, 1661, F73, F74]; on 7 BC [1012, 1358].

Armillaria mellea (C:195): root rot, pourridié-agaric: on 1 BC [1012], Que [1210, F64, F65, F76], NB, NS [F75], Nfld [1659, 1660, 1661, 1663, F68, F69]; on 2 Alta [1062, F65]; on 3 NWT-Alta [1063], Mack [53], BC [1012], Alta [53, 950], Sask [1952], Sask-Man [1951, F61], Ont [6, 1341, 1956, 1964, 1966, F62, F65], Que [914, 1212, 1222, F64, F70, F74], NB [1032, F75], NS [F75], Nfld [1659, 1660, 1661, 1663, F65, F68, F69, F71] and BC, Alta, Sask, Man, Ont, NB [1062], Ont, Que [F71, F72, F76]; on 4 NWT-Alta [1063], Alta [F64], Ont [90, 1062, 1341, 1956, 1958, 1964, 1966, F72], Que [F64, F65, F72], NB, NS [F75], Nfld [1659, 1660, 1661, 1663, F60, F64, F65, F67, F69, F73] and Ont, Nfld [F63, F71, F74]; on 5 Man [1062], NB, NS [F72]; on 6 Que [F67, F70], NB [1032], NB, NS [1062, F71, F72, F74], Nfld [1660, 1661, 1663, F69]; on 7 BC [1012, 1062], Nfld [882, 1660, 1661, 1663, F68, F69, F73, F74,]; on 7 x 3 hybrid Nfld [1661]; on 8 Alta [F65, F68, F71], Sask [1955], Ont [1341], Que [1377], NB [1032, 1062], Nfld [1661, F62]. See *Abies*.

Ascochyta piniperda (C:195): on 5 NB [1032].

Ascocoryne cylichnium (Coryne c.): on 3 Que [1222].

A. sarcoides (Coryne s.) (C:196): on 3, 4, 8 NWT- Alta [1063]; on 3 Sask, Man [1951], Ont [1966]; on 4 Ont [90, 1958, 1964, 1966], Que [917, 937]; on 8 Alta [952], Que, NB, NS [1610].

Aspergillus sp.: on 8 BC [1012], NB [1610].

A. fumigatus: on 8 BC [1723], NB, NS [1610].

Asterodon ferruginosus (C:195): on 3 Yukon, BC [1062], BC [1012]. See *Abies*.

Athelia decipiens: on 8 NS [1032]. See *Pinus*.

A. epiphylla (Corticium e.): on 3 Mack [53]. See *Abies*.

A. microspora: on 8 Alta [1060]. Associated with a white rot.

A. neuhoffii: on 8 Alta, Que [1060], Que [969]. See *Abies*.

A. pellicularis (C:196): on 8 Nfld [1659, 1660, 1661]. See *Abies*.

Atichia glomerulosa: on 4 Que [F69].

Aureobasidium sp.: on 8 NB [1610].

A. pullulans (Pullularia p:) (C:195): on 1 Que [1209, F61]; on 4 Que [457, 917, 937]; on 1, 4, 6 Que [F66]; on 8 Que, NB [1610].

Auricularia auricula (A. auricularis) (C:195): on 3 BC [1012], BC, NB [423] and BC, Alta, NB [1062]; on 8 NB [1032]. See *Abies*.

Bactrodesmium sp.: on 7 BC [1012].

B. obliquum: on 3 Sask, Man [1754]; on 4 Sask [1760].

Basidioradulum radula (Corticium hydnans, Hyphoderma r.): on 4 Ont [1060]; on 8 Que [969]. See *Abies*.

Bertia moriformis: on 8 Ont [1340].

Bispora betulina: on 8 NB [1610].

Bisporella citrina: on 3 BC [1012].

Bjerkandera adusta (Polyporus a.) (C:198): on 3 Yukon [1061, 1110], BC [1012]; on 4 Que [917], Nfld [1659, 1660, 1661]. See *Abies*.

B. fumosa (Polyporus f.): on 3 Ont [1341]. See *Acer*.

Bondarzewia berkeleyi (Polyporus b.) (C:198): on 7 BC [1012, 1061]. See *Acer*.

B. montana (Polyporus m.) (C:198): on 7 BC [1012, 1061]. See *Abies*.

Boreostereum radiatum: on 4 BC, Man [1062]. Associated with a white rot.

Botryobasidium ansosum (Pellicularia a.) (C:198): on 7 BC [1012, 1060]. Associated with a white rot.

B. pruinatum: on 8 Que [969, 1060]. See *Acer*.

B. subcoronatum (Pellicularia s.) (C:198): on 3 NWT-Alta [1063], Mack [53], BC [1012, 1060]; on 8 Que [972, 1060], NS [1032]. See *Betula*.

B. vagum (Corticium v., Pellicularia v.) (C:198): on 2 NWT-Alta [1063]; on 4 Que [917]; on 8 Que [969, 1060], NB, NS [1032]. See *Abies*.

Botryohypochnus chordulatus (Pellicularia c.): on 3 NWT-Alta [1063], Mack [53]. Lignicolous.

B. isabellinus (Pellicularia i.): on 3 NWT-Alta [1063], Mack [53]. See *Abies*.

Botryosphaeria piceae: on 2, 3, 7 BC [1012, F65]; on 2, 7 BC [496, 507]; on 7 BC [516].

Botrytis sp.: on 3, 7 BC [1012].

B. cinerea (holomorph *Botryotinia fuckeliana*): gray mold, moisissure grise: on 2 BC [1012, F67]; on 3 BC [F76], Ont [F72, F73, F74], Que [F67], on 4 Ont [F73], NB [1032, F64, F70].

Brachysporiella sp.: on 8 NB [1610].

Brevicellicium exile (Corticium e.): on 8 Que [969]. Lignicolous.

Byssochlamys spp.: on 8 NB [1610].

Byssocorticium terrestre (Byssoporia terrestris var. *parksii, Poria t.)*: on 3, 8 Alta [1061] and 8 Alta [931]. Mycorrhizal and associated with a brown rot.

Calcarisporium sp.: on 8 NB [1610].

Calocera viscosa: on 4 Nfld [1659, 1660]. See *Abies*.

Caloscypha fulgens (anamorph *Geniculodendron pyriforme*): on stored seeds of 2, 3, 3 x 2 BC [1749]. The fungus spreads and kills dormant seeds during stratification (cold treatment) and in cool, moist seedbeds but is unable to infect germinating seeds [1225].

Camarosporium strobilinum: on 3 BC [1012, F76].

Candida sp.: on 1 Que [1211].

Capnobotrys neesii: on 8 NB [806].

Cenangium sp.: on 4 NWT-Alta [1063].

C. ferruginosum (C. abietis): on 6 Ont [F71].

Cenococcum graniforme: on 3, 4 Ont [1964]; on 4 Que [485].

Cephaloascus fragrans: on 8 Que [1610].

Cephalosporium sp.: on 1 Que [1211]; on 3 NWT-Alta [1063]; on 4 Ont [90, 917, 1964]; on 7 BC [1012]; on 8 Que, NB [1610].

C. terrestre: on 8 BC [1723]. This combination does not appear to have been validly published. Presumably it refers to the *Cephalosporium* anamorph of *Allescheria terrestris*.

Ceraceomyces borealis (Athelia b.): on 3 BC [568, 1012]; on 3, 8 BC [1060]; on 4 Alta [568, 1060]. See *Abies*.

C. serpens (Byssomerulius s., Merulius s.): on 3 BC [1012], BC, Alta [568]; on 8 Mack, Que [568], Alta [1060], Que [969]. See *Abies*.

C. sulphurinus (Phanerochaete s.): on 8 Alta [1060]. Associated with a white rot.

C. tessulatus (Athelia t.): on 3 BC [1012, 1060]. See *Abies*.

Ceratocystis sp.: on 1, 3 Ont [1340]; on 3 BC [F64], Que [F66].

C. aequivaginata: on 4 Man [1190].

C. albida: on 8 NB [1610].

C. allantospora: on 3 Ont [647, 1340]; on 4 Man [1190].

C. angusticollis: on 4 Man [1190].

C. arborea: on 4 Man [1190].

C. bicolor: on 3 Ont [647, 1340].

C. cainii: on 4 Man [1190].

C. coerulescens: on 4 Man [1190].

C. coronata: on 4 Man, Ont [1190].

C. crassivaginata: on 4 Ont [647, 1190, 1340].

C. crenulata: on 4 Man [1190].

C. dolominuta: on 4 Man [1190].

C. europhioides (C:195): on 3, 4 Ont [647, 1190, 1983]; on 4 Man [1190], Ont [1340].

C. huntii: on 4 Man [1190].

C. ips: on 3 Ont [647, 1190, 1340]; on 4, 8 Man [1190].

C. leucocarpa: on 4 Man [1190].

C. minor: on 4 Man [1190], Ont [647, 1340].

C. minuta: on 4 Man [1190], Ont [647, 1340].

C. nigra: on 4 Ont [647, 1340].

C. ochracea: on 4 Ont [647, 1340].

C. olivacea: on 4 Man [1190], Ont [647, 1190, 1340].

C. piceae: on 3, 4 Ont [647, 1340]; on 4 Man [1190], Que [917]; on 8 Que, NB, NS [1610].

C. piceaperda: on 3 NS [1340].

C. pilifera: on 4 Man [1190].

C. pseudoeurophoides: on 4 Man [1190].

C. pseudonigra: on 4 Man [1190].

C. sagmatospora (C:195): on 3, 4 Ont [647, 1340]; on 4 Man, Ont [1190], Ont [1983].

C. stenoceras: on 8 Ont [647].

C. tenella: on 4 Ont [647].

C. tetropii: on 4 Ont [647, 1340].

C. tubicollis: on 4 Man [1190].

C. truncicola: on 3 Ont [647, 1340].

Ceriporia tarda (Poria t.) (C:199: on 3 BC [1012, 1061]. See *Abies*.

Cerocorticium notabile (Corticium n.) (C:196): on 4 Ont [1060], Nfld [1659, 1660, 1661]; on 8 Man [1060]. Lignocolous.

Ceuthospora pithyophila: on 3 Sask [F66].

Chaetoderma luna (Peniophora l.) (C:198): on 2 NWT-Alta [1063]; on Yukon [1060]; on 3, 7 BC [1012, 1060]; on 8 Alta [1060]. See *Abies*.

Chaetomium sp.: on 3 Ont [1340].

Chaetoscutula juniperi: on 4 Que [F66].

Chalara cylindrica: on 3 Sask and on 3, 4, 8 Man [1760].

C. cylindrosperma: on 3, 4 Sask and on 3, 8 Man [1760].

C. insignis: on 3 Man [1760].

Chondrostereum purpureum (Stereum p.) (C:199): on 3 BC [1012, 1062], Ont [1341]. See *Abies*.

Chrysomyxa sp.: rust, rouille: on 2, 3 BC [F64]; on 3 NWT-Alta [1063], Mack [53], Sask [F75], Man [F62], Ont [1341], NS [F60, F61], Nfld [F61]; on 3, 4 Sask, Man [F63], Nfld [1660, 1661]; on 4 Sask [F75], Man [F62], Nfld [1659, F61, F63]; on 5 Sask [F75], Man [F64]; on 6 NS

[F60]; on 8 Alta [F76], Sask [F73], Man [F76], Ont [1341], Nfld [1661, F62] and Alta, Man, NB, NS [F75], Sask, Man, NB [F60].

C. arctostaphyli (Melampsorella caryophyllacearum auct., *M. cerastii* auct.*)* (aecial state *Peridermium coloradense*) (C:195): witches'-broom rust, rouille-balai de sorciére: 0 I on 1 Alta [F63], Sask [F69]; on 1, 2, 3, 4, 8 NWT-Alta [1063]; on 2 BC [954], Alta [952]; on 2, 3, 4, 7 BC [1012]; on 3 Yukon [2007], Mack [53, F67], BC [953, 954, 2007, F74, F76], Alta [53, 644, 950, 951, 952], Sask [1341, F64, F65], Man [F71], Ont [F64, F66, F68, 1236], Que [F64, F68, F72, 1377], NS [F66], Nfld [F61, 1661] and Man, Ont [F63, F65, F70]; on 3, 4 Yukon [460]; on 4 Mack [53, F61, F63, F65, F67], BC [2007], Alta [53, 951, F70], Man [F63, F71], Ont [F62, F63, F65, F66, F69, F71, F73, 1236, 1341], Que [F64, F72, F76], NS [F62, F63, F66], Nfld [F65, F74, F75, F76, 1659, 1660, 1661] and Sask, Man, Ont [F64, F67, F70], NB, NS [1032, F64], Ont, Que [F68, F74, F75]; on 6 NB, NS [F64] and NS [1032, F62, F65]; on 7 Nfld [1660, F72]; on 8 Yukon, BC, Alta, Sask, Man [2008] and Yukon, BC [F61], Sask, Man [F68, F72], Alta [F72], Man [F67, F73], Ont [F61, F72], NS [1032]. The brooms can cause economically significant losses through bole deformation, loss of increment and mortality.

C. chiogenis (C:195): needle rust, rouille des aiguilles: 0 I on 4 Ont [1236], Que [1377, F60, F66]; on 6 Que [F61]; on 8 Sask, Man [F67], Ont [2008], Que [1377]. The alternate host is *Gaultheria hispidula*.

C. empetri (C:195): rust, rouille: 0 I on 2 Alta [F64, F65]; on 3 Yukon [F76, 460], Mack [53, F64], BC [954, 1012], Alta [951, F65], Sask [F66], Man [1236], Que [1032, 1236, 1377, F60, F62, F66, F67], Nfld [1659, 1660, 1661, F73, F74]; on 3, 4, 5, 8 NWT-Alta [1063]; on 4 Alta [F62, F65], Man [F67]; on 6 Que [1377]; on 8 Yukon, Mack, BC [2008] and BC [951], Alta [952, F67], Nfld [1661]. The alternate host is *Empetrum nigrum*.

C. ledi (C:196): rust, rouille: 0 I on 2, 3, 4, 8 NWT-Alta [1063]; on 2, 3 BC [953, 1012]; on 2 Alta [951, F65]; on 3 Yukon [F62, F70, 460], Mack [53, F61, F62], BC [F72], Alta [53, F62], Sask [F71], Man [F67, F69], Ont [1827], NB, NS [1032], NS [F62], Nfld [1659, 1660, 1661, F67] and BC, Alta, Sask, Man [F73], NB, NS, PEI [F72], NB Nfld [F64, F65, F66]; on 3, 4 Alta [F65, F70], Alta, Ont [F60, F61, F64, F71], Sask, Man, Ont [F65, F68, F70], Ont [1236, F62, F63, F66, F67, F69], Que [F67, F69, F71, F72, F73], NS [F64, F67]; on 4 Mack [53, F61], BC [F73], Alta [F74], Sask [F71], Man [F69], Ont [1341], Que[282, 1377, F63, F65, F66, F70, F75], NB [1032, F61, F76], PEI [1032], Nfld [1659, 1660, 1661, F64, F65, F66, F72] and Sask, Man [F67], Que, NB [F62, F64, F68, F74]; on 5 Ont [1236, 1341], NS [F65, F66]; on 6 Ont [1341], NB [F64] and NB, NS, PEI [1032]; on 4, 7 BC [1012, F72]; on 8 Yukon, Mack, Alta [F68], and Yukon [F72], BC [953, 954], Alta [950, F67, F69, F72, F74], Sask [F72], Man [F66], Ont [F72, F73, F74, F75, F76], Que [1377], NB, NS [1032], Nfld [1661].

C. ledi var. *cassandrae (C. cassandrae)* (C:196): rust, rouille: on 3, 4, 5, 6 Que [F60, 1377]; on 3 PEI [1032]; on 4, 6 Que [F61]; on 4 NS [1032]; on 5 NS [1032, F64]. The alternate host is *Chamaedaphne calyculata*.

C. ledi var. *ledi (C. ledi* var. *groenlandici)* (C:196): rust, rouille: on 3, 4, 5, 6 Que [F60]; on 4, 6 Que [F61]; on 8 Mack, BC, Alta, Sask, Man [2008]. The alternate hosts are *Ledum* spp.

C. ledicola (C:196): needle rust, rouille des aiguilles: 0 I on 2, 3, 4, 5, 8 NWT-Alta [1063]; on 2 BC [1012, F64], Alta [F65], PEI [1032]; on 2, 3 Alta [951, 952], NB, PEI [F69, F72]; on 3 Yukon [F70], Mack [53, F61], BC [953, 954, F64, F76], Alta [644], Sask [F71], Man [F69], Ont [F63], NB [F62, F65], NS [F70, F72] and Sask, Man [F65, F66, F67, F68, F70, F73]; on 3, 4 Yukon [460], BC [1012, F65, F72, F73], Alta [53, F60, F61, F65, F70, F71, F73], Ont [1236, 1341, 1828, F61, F65, F66, F70], Que [282, F62, F72], NS [F63, F67, F68, F71, F73], Nfld [1341, 1659, 1660, 1661, F64, F65, F66, F69, F73] and Alta, Ont, NB [F64], Ont, Que [F60, F67, F68, F69, F71]; on 3, 4, 6 NB, NS, PEI [1032]; on 4 Mack [53, F61, F62], Alta [F62, F74], Sask [F71], Man [F69], Sask, Man [F65, F66, F67, F68, F70, F73], Ont [F62], Que [1377, F61, F64, F65, F66, F70, F73, 75], Que, NB [F63, F74, F76], NS [F65, F66], Nfld [F67, F68, F70, F72, F74]; on 5 Ont [1236], Que [F61], NS [337, 1032]; on 5, 6 Que [F60]; on 6 NB [F64], NS [F63, F66, F73]; on 7 BC [1012, F72, F74], Nfld [1660]; on 8 Yukon, Mack, BC, Alta, Sask, Man [2008] also Yukon, Alta, Sask, Ont [F72], Yukon, Mack, Alta [F68] and BC [F63, F67], Alta [53, 951, 952, F67, F69, F74], Sask [339], Ont [F73, F74, F75, F76], NB [1032, F61], NS [1032, F62, F64], Nfld [337, 338]. The alternate hosts are *Ledum* spp.

C. monesis (C:196): cone rust, rouille des cônes: 0 I on 7 BC [1012, 2008]. The alternate host is *Moneses uniflora*.

C. piperiana: on 7 BC [1341]. The specimens should be reexamined because Ziller [2008] did not know of any Canadian specimens on *Picea*.

C. pirolata (C. pyrolae) (C:196): cone rust, rouille des cônes: 0 I on 2, 3, 4, 8 NWT-Alta [1063], on 2, 3, 4, 5, 7 BC [1012]; on 2 BC [954, F75]; on 2, 3

Alta [950, 951, 952, F64]; on 3 Yukon [F62, F69, 460], Mack [53, F61], BC [F62, F66, F70, F71, F75, F76], Alta [F69, F71], Sask [F64], Man [F62, F63], Ont [F60, F64, F65, F70, F72, F74, F75], Que [282, F66], NB [F64], PEI [F66, F68] and NB, NS [1032, F66, F68]; on 3, 4 Alta [53, F61, F70], Sask, Man [F65, F67], Ont [1236, 1341, F67]; on 3, 4, 6 Que [1377]; on 4 Mack [53], Alta [951, F64], Man [F63], Ont [F69], Que [F60], NB, NS, PEI [F69] and NB, NS [1032]; on 4, 5 NB, NS, PEI [F66, F68]; on 5 BC [F61], Alta [F67], NB, PEI [1032], NS [F72]; on 8 Yukon, Mack, BC, Alta, Sask, Man [2008] and Alta [F60, F62, F66, F67, F68, F74], Sask [F74], Man [F75], Ont [F62, F63, F68, F73], NB [1032]. The alternate hosts are *Moneses* and *Pyrola* spp.

C. weirii (C:196): needle rust, rouille des aiguilles: III on 2, 3, 8 NWT-Alta [1063]; on 2 Alta [952], NB [F74]; on 2, 3 BC [953, 1012]; on 3 Yukon [F69], Mack [53], BC [954, F63, F70, F74], Alta [F69, F70, F71], Sask [F64], Ont [1341, F67] and Sask, Man [F65, F66]; on 3, 8 Alta [951, 952]; on 4 Ont [1236, 1341, F65], Que [F60, F64]; on 6 NS [1032]; on 7 BC [1012, F71]; on 8 Yukon, Mack, BC, Alta, Sask, Man [2008] and BC [F65, F66], Alta [338, F66, F67, F68, F73].

C. woroninii (C:196): rust, rouille: 0 I on 3 Yukon [F72, F74], Mack [53], BC [F74], Alta [53, F63], Que [1236]; on 3, 4 Yukon [F69, F71, 460], NWT-Alta [1063], BC [1012, F76]; on 4 Mack [53, F63], BC [F75], Alta [F73]; on 8 Yukon, Mack, BC, Alta [2008] and Yukon [F66, F70], Mack [F66]. The alternate hosts are *Ledum* spp.

Chrysosporium sp.: on 8 NB [1610].

C. pruinosum: on 8 BC [1723].

Cladosporium sp.: on 2, 3, 7 BC [1012]; on 3 Ont [1828]; on 8 Yukon, Alta [F68], NB [1610].

C. cladosporioides: on 8 NB [1610].

C. macrocarpum: on 8 Man [1760].

C. variabile: on 3, 4 Ont [F66]; on 4 Ont [1827]. Rarely found on *Picea*.

Clavulicium macounii: on 3 BC [1012]. See *Abies*.

Colletotrichum gloeosporioides (holomorph *Glomerella cingulata*): on 8 Alta [1155].

Collybia acervata: on 3 BC [1012, 1062]. Associated with a white rot.

C. dryophila: on 3 Ont [1341]. Probably occurred on well-rotted wood.

Columnocystis abietina (Stereum a.) (C:199): on 2, 3, 8 NWT-Alta [1063]; on 3 Yukon [1062], Mack [53]; on 7 BC [1012, 1062, 1341]; on 8 Que [969]. See *Abies*.

Comatospora suttonii: on 4 BC [1012, 1360].

Confertobasidium olivaceo-album (Athelia fuscostrata, Corticium f.) (C:196): on 2 BC [1012, 1060]; on 8 NS [1032]. Lignicolous.

Coniophora sp.: on 3 NWT-Alta [1063], Mack [53].

C. arida (C:196): on 8 Man [1062], Que [969, 1062]. See *Acer*.

C. fusispora (C:196): on 8 NS [1032, 1062]. Associated with a brown rot, sometimes in live trees.

C. olivacea (Coniophorella o.) (C:196): on 3 BC [1012, 1062]; on 4, 8 Alta [1062]; on 8 Man [1062]. Associated with a brown rot, sometimes in live trees.

C. puteana (C:196): brown cubical rot, carie brune cubique: on 2 BC [1012, F67]; on 2, 3 BC, Alta, Man [1062]; on 3 NWT-Alta [1063], Yukon [460], BC [1012, 1718], Sask [1952], Sask-Man [1951], Ont, NB [1062]; on 3, 4 Ont [F71, F72]; on 3a BC [1233]; on 4 Alta, Man, Ont, Que [1062] and Ont [90], Que [937], NB [1062]; on 4, 6, 8 NB [1032]; on 8 Sask [1955], Man [1062]. Sometimes causes a heart rot of live trees.

Coniothyrium sp.: on 3 NWT-Alta [1063], BC [1012].

C. fuckelii (holomorph *Leptosphaeria coniothyrium*): on 8 NB [1610].

Conoplea fusca: on 3 Man and on 3, 4, 8 Sask [1760].

C. geniculata: on 3, 4 Man and on 4 Sask [1760].

Cordana pauciseptata (C:196): on 8 Que [1610].

Coriolus hirsutus (Polyporus h.): on 3 BC [1012, 1341]. See *Abies*.

C. pubescens (Polyporus p.) (C:198): on 3 BC [1012, 1061]. See *Abies*.

C. versicolor (Polyporus v.) (C:199): on 8 NB [1032, 1061]. See *Abies*.

Cornicularıella abietis (holomorph *Dermea grovesii):* on 3 Ont [401].

Corticium sp.: on 3 NWT-Alta [1063], Mack [53], on 7 BC [1012]; on 8 NS [1032].

C. centrifugum: on 3, 4 NWT-Alta [1063]. See *Abies*.

Costantinella terrestre (Verticillium t.): on 8 NB [1610].

Crepidotus herbarum (C:196): on 3 BC [1012].

Crinula caliciiformis (holomorph *Holwaya mucida):* on 4 Man [1760].

Crustoderma dryinum (Peniophora d.) (C:198): on 7 BC [1012, 1060]; on 8 Que [969, 1060]. See *Abies*.

Crustomyces pini-canadensis (Radulum p.): on 8 Ont [1341].

Cryptoporus volvatus (Polyporus v.) (C:199): on 3 NWT, BC, Alta, Man, Ont, Que [1061] also Yukon [460], NWT-Alta [1063], Mack, Alta [53], BC [1012], Ont [1341]; on 7 BC [1012, 1061, 1341]. See *Abies*.

Cucurbidothis pithyophila: on 7 BC [1012, F64, F67].

Cylindrobasidium corrugum (Corticium c.): on 3 BC [1012]. See *Abies*.

C. evolvens (Corticium e., C. laeve) (C:196): white spongy rot, carie blanche spongieuse: on 3 BC [1012]; on

4 Que [917]; on 8 Que, NB [1610], Nfld [1659, 1660, 1661].

Cylindrocarpon sp.: on 3 BC [1012]; on 4 NB [F72].

C. roseum: on 2, 7 BC [507].

Cylindrocephalum sp.: on 8 NB [1610].

Cylindrocladium floridanum: on 3, 4 Ont [F75]; on 4 Ont [F74, F76].

C. scoparium: on 3 Que [F65].

Cylindrosporium sp.: on 3, 8 NB [1032].

Cystostereum murraii: on 8 Que [969, 1062]. See *Acer*.

Cytospora sp. (C:196): on 1 Que [1208, 1209, F70]; on 1, 3 Que [1210, 1211, F61, F63, F64, F66]; on 1, 4, 8 Que [F62]; on 2 BC [1012]; on 3 Yukon [460], Que [915]; on 3, 5 Que [F65]; on 4 Que [917, 937, 943, 947, F66, F70]; on 6 Ont [1340], Que [F66]; on 8 Que [F71].

C. curreyi (C:197): on 2 Alta [952, F61].

C. kunzei (holomorph *Leucostoma k.*) (C:197): canker, chancre cytosporéen: on 1, 3 Ont [1340, 1594, F67]; on 3 Ont [1738, 1828]; on 3, 5 Ont [F65]; on 5 Que [337, 338], Nfld [F75]; on 8 Alta [952], Ont [1340].

C. kunzei var. *piceae*: on 1 Que [1672]; on 3 Ont [863].

Dacrymyces sp.: on 3 NWT-Alta [1063].

D. capitatus (D. ellisii): on 8 Que [282, 1062]. See *Alnus*.

D. palmatus: on 3 Yukon [460], NWT-Alta [1063], BC [1012, 1062], Alta [53]; on 4 Alta [1062]; on 8 Que [282]. See *Abies*.

D. stillatus (D. deliquescens): on 3 NWT-Alta [1063], Alta [53]. Lignicolous.

Dacryobolus sudans (Odontia s.) (C:198): on 3 BC [1012, 1060]. Associated with a brown rot.

Darkera parca: on 3 Alta [1947].

Dasyscyphus sp. (C:197): on 8 Que [282].

D. ellisianus (C:197): on 7 BC [1012].

Datronia mollis: on 3 Alta [1061]. See *Acer*.

Dendrothele sp.: on 8 BC [1012].

Dermea grovesii: on 3 Ont [1340, 1448].

D. piceina (C:197): on 3 Ont [1683]; on 4 Ont [1340], Que [1683, F68].

Dichomera gemmicola: on 2, 3, 7 BC [526, 1012, F72]; on 3 Sask [526]; on buds of 8 BC, Sask [1763].

Dichomitus squalens (Polyporus anceps) (C:198): on 3 Yukon [460], NWT-Alta [1063], Mack [53], Que [F65], NS [1032], NWT, Sask, Man, NS [1061]; on 4 Ont [1341], NB [1032, 1061], Nfld [1061]; on 8 Ont [1061]. See *Abies*.

Dimerium balsamicola (Dimeriella b.): on 4 Que [F67].

Discocainia treleasei (Atropellis t.) (C:195): on 7 Mack, Frank, BC [1446], and BC [1012, F66].

Echinodontium tinctorium (C:197): brown stringy rot, carie brune filandreuse: on 2, 3, 7 BC [1062]; on 3 BC [1012, 1718]. See *Abies*.

Endophragmia glanduliformis: on 3 Sask, Man [1760].

Epicoccum purpurascens (E. nigrum): on 3a Alta [746]; on 4 Que [917].

Epipolaeum tsugae: on 3 BC [1012]. An atypical host for this fungus.

Eriosphaeria vermicularia: on 3 NB [F66]; on 4 PEI [1032, F65].

Euantennaria rhododendri (Limacinia alaskensis): on 2 BC [1012, F64].

Exidia pinicola: on 3 Yukon [460]. Lignicolous. Previously known only from the type specimen which was on branches of *Pinus* in New York State.

E. saccharina: on 8 Ont [1341]. Lignicolous.

Exidiopsis calcea (Sebacina c.) (C:199): on 3 Yukon, BC [1062], NWT-Alta [1063], Mack, Alta [53]; on 4 NS [1032, 1062]; on 8 Man [1062], NS, PEI [1032, 1062]. Associated with a white rot.

E. macrospora: on 3 BC [1012, 1062]. Lignicolous.

Flagelloscypha citrispora: on 8 BC [1424]. Lignicolous.

Flaviporus overholtsii (Polyporus canadensis): The name used in Conners should be corrected.

F. semisupinus (Poria romellii): on 3 NWT and on 8 Alta [1061]. See *Betula*.

Fomes sp.: on 4 Nfld [1660, 1661].

Fomitopsis cajanderi (Fomes c., F. subroseus) (C:197): brown cubical rot, carie brune cubique: on 2, 3, 8 NWT-Alta [1063]; on 2 BC, Alta [1061]; on 3 NWT, BC, Alta, Sask, Man [1061], NB, NS [1032, 1061] and Mack [53, F67], BC [1012], Alta [53], Man [1031]; on 4 Alta [1175], Ont [90, 1341] and Alta, Ont [1061]; on 4, 6 NB, NS [1032, 1061]; on 8 Ont [1341], NB, NS, PEI [1032, 1061].

F. officinalis (Fomes o.) (C:197): brown cubical rot, carie brune cubique: on 2, 7 BC [1061]; on 7 BC [1012].

F. pinicola (Fomes p.) (C:197): brown cubical rot, carie brune cubique: on 2, 3, 4, 8 NWT-Alta [1063]; on 2 BC [1012, 1061]; on 3 Yukon, NWT, BC, Alta, Sask, Man, Ont, Que, NS [1061] and Yukon [460, 1110], Mack, Alta [53], BC [1012], Ont [1341], NS [1032], Nfld [1659, 1660, 1661]; on 3a BC [1233]; on 4 NWT, Ont, Que, NB, NS [1061], Nfld [1659, 1660, 1661] and Mack [53], Ont [1150, 1341], NB, NS [1032]; on 6 Que [1391], NB, NS [1032, 1061]; on 7 BC [1012, 1061, 1149, 1341]; on 8 NWT, BC, Alta, Sask, Man, Ont, Que, NB, NS, PEI [1061] and Mack [53], BC [953, 954], Alta [1828], Ont [1150, 1341, 1377], Que [282, 1061], NB, NS, PEI [1032].

F. rosea (Fomes r.) (C:197): brown cubical rot, carie brune cubique: on 2, 3, 8 NWT-Alta [1063]; on 2, 3 BC [1061]; on 3 Yukon, NWT, Sask, Ont, Que [1061], Mack [53], BC [1012], Sask [F63]; on 3, 8 Ont [1031, 1341]; on 3, 4, 6 NB [1032, 1061]; on 4 Ont [1341], NS [1061]; on 8 NB, NS, PEI [1032, 1061].

Foveostroma sp. *(Micropera* sp.*)*: on 3 BC [1012].

Fusarium sp.: on 3 Ont [1340], NS [1032]; on 3a Alta [746]; on 4 Que [F65], NB [F72]; on 5 Yukon [460], Sask [1848]; on 6 Ont [1827]; on 8 Que [1377], NB [1610].

F. lateritium: on 3 Ont [1827].

F. oxysporum: on 3 NS [1885]; on 3a Alta [746]; on 6 NB [1885]; on 7 BC [F69]; on 8 NB [1610].

F. solani (holomorph *Nectria haematococca*): on 7 BC [F69]; on 8 NB [1610].

Fusicoccum sp.: on 3 NB, NS [1032].

Fusidium sp.: on 4 Que [917].

Ganoderma applanatum (C:197): white mottled rot, carie blanche madrée: on 3, 7 BC [1012, 1061]; on 3, 8 NWT-Alta [1063]; on 4 Nfld [1660, 1661]; on 8 NS [1032, 1061].

G. lucidum: on 8 NB, NS [1032]. See *Abies*.

G. oregonense (C:197): on 7 Bc [1061]. See *Abies*.

G. tsugae (C:197): on 8 NS [1061]. Associated with a white rot.

Geniculodendron pyriforme (holomorph *Caloscypha fulgens*): on seeds of 3, 7 BC [1225]. See *C. fulgens*.

Geotrichum sp.: on 3 NWT-Alta [1063].

Gliocladium roseum: on 1 NB [1036].

G. viride: on 8 Que, NB [1610].

Gloeocystidiellum furfuraceum (Corticium f.): on 8 Que [969, 1060], NS [1032]. Lignicolous.

G. ochraceum (Corticium o.): on 2 NWT-Alta [1063]; on 3 Mack [53]. See *Abies*.

Gloeophyllum odoratum (Osmoporus o., Trametes o.) (C:200): on 3 Yukon [1061, 1110]; on 3, 7 BC [1012]; on 3, 4, 8 NWT-Alta [1063]; on 8 NB, NS [1032, 1061]. See *Abies*.

G. protractum: on 8 Labr [867]. Perhaps a specimen of *G. odoratus*.

G. sepiarium (Lenzites s.) (C:197): brown cubical rot, carie brune cubique: on 2, 3, 8 NWT-Alta [1063]; on 3 Yukon, NWT, BC, Alta, Ont [1061], Yukon [460], Mack, Alta [53], Ont [1341, F74]; on 3, 8 NB, NS, PEI [1032, 1061]; on 3, 4, 7 BC [1012]; on 4 NWT, BC, Alta, Ont, NB [1061] and Mack [53, F66], Ont [1341, F74], Que [917, 937], NB, NS [1032], Nfld [1659, 1660, 1661]; on 6 NS [1032, 1061]; on 7 BC [1061]; on 8 Alta [1061], Ont [1341], Que [282, 867], NB [1610], Nfld [1061, 1659, 1660, 1661], Labr [867].

Graphium sp.: on 1 Que [F65]; on 8 Que, NB [1610].

Gremmeniella abietina (Scleroderris lagerbergii) (anamorph *Brunchorstia pinea*): on 1, 6 Que [1676] by inoculation; on 3 Ont [1828]; on 3, 4 Que [1676, 1682, 1686, F68].

Gymnopilus spectabilis (Pholiota s.): on 3 BC [1012]. See *Acer*.

Haematostereum rugosum (Stereum r.): on 3 NWT-Alta [1063]. See *Abies*.

H. sanguinolentum (Stereum s.) (C:199): red heart rot, carie rouge du sapin: on 2, 3, 4, 8 NWT-Alta [1063]; on 2 BC [F74]; on 2, 3, 7 BC [1012]; on 3 Yukon, BC, Alta, Man, Ont [1062] and Mack [53], BC [1718], Alta [648], Sask [1951, 1952], Man [1951], Ont [1341]; on 3, 6 NB, NS [1032, 1062]; on 3a BC [1233]; on 4 Mack [53], Ont [90, 1341], Que [917, 937], NB [1032] and Man, Ont, Que, NB [1062]; on 6 Que [1062]; on 7 BC [1062]; on 8 BC [1233], Alta [951], Man [1062], Ont [1341], Que [969, 1377], NB, NS, PEI [1032, 1062, F62], Nfld [1659, 1660, 1661]. See *Abies*.

Hansenula holstii: on 3, 6 Que [1967].

Harpographium sp.: on 8 NB [1610].

Helicobasidium corticioides: on 8 Alta [1062]. Lignicolous.

Helicogloea lagerheimii: on 4 Ont [1341]. Lignicolous.

Helotium immaculatum (Mycena gracilis): on needles (? fallen) of 8 Que [1385].

H. resinicola (anamorph *Stilbella* sp.): on 3, 7 BC [1012, F69]; on resin of 3 BC [54]. An Ascomycete which needs to be redisposed. Perhaps a *Bisporella*.

Henningsomyces candidus (Solenia polyporoidea): on 8 NS [1032]. See *Abies*.

Hericium abietis (C:197): on 7 BC [1012, 1062]. See *Abies*.

H. coralloides (H. laciniatum, H. ramosum) (C:197): on 2 BC [954]; on 3 NWT-Alta [1063], Alta [53, F62]. One report [F62] was based on a specimen on *Populus*, not *Picea* [712]. The remaining reports should be reexamined as *Picea* is an atypical host for this species. See *Acer*.

Herpotrichia coulteri: on 2 BC [1012, F69].

H. juniperi (H. nigra) (C:197): brown felt blight, feutrage brune: on 2 NWT-Alta [1063], BC [954], Alta [951, 952]; on 2, 3, 7 BC [1012]; on 3 NS [1032]; on 4 Que [1666], NS [1340, 1666].

Heterobasidion annosum (Fomes a., Fomitopsis a.) (C:197): fomes root rot, maladie de rond: on 2, 7 BC [1916]; on 3, 7 BC [1012, 1061]; on 7 BC [1143, 1341]. See *Abies*.

Heyderia abietis: on 8 Que [1385] on fallen needles, Labr [869].

Hormodendrum sp.: on 8 NS [1610].

Humicola sp.: on 8 NB [1610].

Hyaloscypha leuconica: on 4 Ont [1340].

Hymenochaete cinnamomea (C:197): on 3 Yukon [1062]; on 8 BC [1012, 1062]. See *Alnus*.

H. fuliginosa (C:197): on 3 BC [1012, 1062]. Associated with a white rot.

H. tabacina (C:197): on 2, 3 NWT-Alta [1063]; on 2 Alta [950, 1062]; on 3 Mack [53]; on 8 NS [1032, 1062], Nfld [1659, 1660, 1661]. See *Abies*.

Hyphoderma argillaceum (Peniophora a.): on 8 Ont [1341], Que [969]. See *Betula*.

H. clavigerum: on 8 Que [1060]. See *Abies*.

H. karstenii (Peniophora nivea): on 3 NWT [1341]. Lignicolous.

H. polonense: on 8 Que [1060]. Associated with a white rot.

H. praetermissum (H. tenue, Peniophora t.): on 3 BC [1012]; on 8 Que [969, 1060], NS [1032]. See *Abies*.

H. puberum (Peniophora p.): on 3 NWT-Alta [1063], Mack [53]; on 8 Que [969, 1060]. See *Abies*.

H. resinosum: on 7 BC [1012, 1060]. Associated with a white rot.

H. sambuci (Hyphodontia s.): on 8 Que [969, 1060]. See *Acer*.

H. setigerum (Peniophora aspera): on 3 BC [1060]; on 4 Ont [90]. See *Abies*.

H. terricola: on 3 Alta [1060]. Lignicolous.

Hyphodontia sp.: on 8 NB [1610]. Lignicolous.

H. abieticola: on 4 Nfld [1060]. Associated with a white rot.

H. alienata: on 8 Que [969, 1060]. Lignicolous.

H. alutacea (Odontia a.): on 8 Alta, Ont [923, 1060], NS [1032]. See *Abies*.

H. alutaria: on 8 Man [1060].

H. aspera: on 2, 3, 7 BC [1060]; on 3 BC [1012]; on 8 Que [1060]. See *Pinus*.

H. barba-jovis: on 8 Que [1060]. See *Abies*.

H. breviseta: on 4 Nfld [1060]; on 8 BC, Alta [1060]. See *Abies*.

H. crustosa (Odontia c.): on 4 BC [1060]; on 8 NS [1032]. See *Abies*.

H. floccosa: on 8 Alta [1060], Que [969, 1060]. See *Abies*.

H. pallidula (Peniophora p.) (C:198): on 3 BC [1012, 1060]; on 8 Ont [1341], Que [969, 1060]. See *Abies*.

H. subalutacea (Peniophora s.): on 2 NWT-Alta [1063]; on 8 Que [969]. See *Abies*.

Hypholoma capnoides (Naematoloma c.) (C:198): on 3 BC [1062]; on 3, 7 BC [1012]. See *Abies*.

Hypochnicium geogenium (Corticium g.) (C:196): on 3 NWT-Alta [1063], Mack [53]. Lignicolous.

Hypoxylon sp.: on 4 Ont [90].

Ischnoderma resinosum (Polyporus r.) (C:198): on 2 NWT-Alta [1063]; on 3 BC [1012, 1061]; on 8 NS [1061, 1032]. See *Abies*.

Isthmiella crepidiformis (Bifusella c.) (C:195): needle cast, rouge: on 1 Ont [1063]; on 2, 3, 4 NWT-Alta [1063], BC [1012, F68]; on 2 Alta [952, 1063, F65, F66]; on 3 Mack [53], Alta [53, 951, F61], Man [F67], Que [F74], Nfld [F69, F70]; on 3, 4 Yukon, Mack, Alta [F67, F68], Sask [F66, F67], Nfld [1660, 1661, F68, F73] and Yukon [460], Alta [F65, F66]; on 4 Mack [53, F63], Alta [951], Sask [F68], Man [F67], Ont [1340, 1828, F61, F64, F66, F69, F70, F72,F76], Que [F67, F74, F75, F76], Nfld [1659, F74, F75]; on 6 Yukon, Mack [F66], NB [1032, F65]; on 8 Alta [951], Nfld [1661].

I. faullii: on 4 Ont [1828].

Junghuhnia collabens (Poria rixosa) (C:199): on 2, 3 BC [1012]; on 3 BC, Ont [1004, 1061]. See *Abies*.

J. luteoalba (Poria l.): on 8 Que [1004, 1061, 1341]. See *Abies*.

Kavinia alboviride (Mycoacia a., Oxydontia a.): on 6 Que [F67]; on 8 BC [1012]. Typically on well-rotted wood. See *Fagus*.

Kirschsteiniella thujina: on 3 Que [F64]; on 4 Que [937].

Kuehneromyces vernalis: on 3 BC [1012]. See comment under *Betula*.

Lachnellula agassizii (Dasyscyphus a.) (C:197): on 7 BC [1012]; on 8 NWT-Alta [1063], Alta [951], Que [282, 1032, 1385].

L. arida: on 8 NWT-Alta [1063].

L. chrysophthalma (C:197): on 2 NWT-Alta [1063], Alta [F62].

L. occidentalis: on 3, 4 Que [1690, F68].

L. resinaria: on 3 Ont [1340], Que [F70].

L. suecica: on 2, 3 BC [1012]; on 3, 4 Que [1690].

Laeticorticium lundellii (Dendrocorticium l.): on 3 NWT [1341], Mack [53], Alta [930]. Lignicolous.

L. piceinum (Dendrocorticium p.): on 8 Ont [930]. Lignicolous.

L. violaceum (Dendrocorticium v.): on 8 Ont [930]. Lignicolous.

Laetiporus sulphureus (Polyporus s.) (C:199): brown cubical rot, carie brune cubique: on 2, 3, 7 BC [1012, 1061]; on 7 BC [1149].

Laurilia sulcata (Stereum s., Echinodontium s.) (C:199): on 2, 8 NWT-Alta [1063]; on 2, 3, 8 Alta [1062]; on 3 BC [1012, 1062, 1341]. See *Abies*.

Lentinus kauffmanii (C:197): on 7 BC [1012, 1062]. Associated with a brown rot. Now in *Neolentinus*.

Lenzites sp.: on 4 Nfld [1660, 1661].

L. betulina: on 3 NWT-Alta [1063]. See *Acer*.

Leptomelanconium piceae: on 4 Sask, Man, Ont [1763, 1764].

Leptosporomyces galzinii (Athelia g., Corticium g.): on 3 Yukon [1060], NWT-Alta [1063], Mack [53]; on 8 Que [969, 1060]. See *Abies*.

Leucogyrophana mollusca (Merulius fugax auct.) (C:198): on 3 NWT-Alta [1063], Mack [53]; on 8 Alta [1060], NS [1032]. See *Abies*.

Leucostoma curreyi (Valsa c.): on 2 NWT-Alta [1063].

L. kunzei (Valsa k.) (anamorph *Cytospora k.*): on 1, 3 Ont [F68, F72]; on 2 BC [1012]; on 3 Ont [F71], Que [F72]; on 3, 5, 8 NB [1032]; on 4 Que [457, F75]; on 8 NWT-Alta [1063], Ont [F69, F74, F75].

Lirula brevispora: on 2, 3 BC [1012, 2004, F68]; on 2 BC [F69]. On needles.

L. macrospora (Lophodermium filiforme, L. macrospora) (C:197): needle cast, rouge: on 2, 3, 4, 8 NWT-Alta [1063]; on 2, 3, 4, 7 BC [1012]; on 2 BC [954], Alta [951, 952, F62, F65, F66]; on 3, 4 Yukon [460, F68], Alta [F65, F66, F67, F68], Nfld [1659, 1660, 1661, F68]; on 3 Mack [53, F62, F67, F68], BC [953, F68, F74, F75], Alta [53, 951], Que [1377], NB [1032], NS [F73], PEI [1032, F69], Nfld [F65]; on 3, 4, 6 NB, NS [F64, F65]; on 4 Mack [53, F63, F67, F68], Alta [F64], Man [F65], NB, NS, PEI [1032], Nfld [F69, F70, F73, F74]; on 4, 6 PEI [F65]; on 6 NB [1032, F63, F70], NS [1032, F60, F62]; on 7 BC [F73, F74]; on 8 Alta [F64], NB [1032].

Lophium mytilinum (C:197): on 3 NWT-Alta [1063], Alta [53]; on 4, 8 NS [1032].

Lophodermium sp.: on 3, 4 Que [F73]; on 3, 6 NB [1032]; on 6 NS [1032]; on 8 Nfld [1660, 1661].

L. piceae (C:197): on 1 Ont [1063]; on 3 Alta [53], Ont [1340, 1827, F70, F76], NS [1032]; on 3, 4 NWT-Alta [1063], Sask [F69], Man [F66, F69], Que [1377, F74]; on 3, 7 BC [1012]; on 4 Mack [53, F66], Sask [F67], Ont [1340], Que [F66], NB [1032]; on 5 Ont [F73]; on 7 BC [1340]; on 8 Alta [F66].

Lophomerum sp.: on 3, 4 Que [F73].

L. darkeri: on 3 Yukon, BC, Alta [F68] and Yukon [460], BC [1012], Que [1220, F66], NB [1032, 1220].

L. septatum (Lophodermium s.) (C:197): on 3 Que [F63].

Lophophacidium hyperboreum (C:197): on 1, 4, 5 Que [1692, F69]; on 3, 4 Yukon [F67]; on 2, 3, 4 Alta [F67]; on 3 BC [1012, F76], Alta [F65]; on 3, 4 Ont [F76]; on 3, 6 Que [1692, F67]; on 4, 6 Que [1444]; on 5 Que [F67].

Lycogala epidendrum: on 3 NWT-Alta [1063], Mack, Alta [53]. Slime mold, probably on rotted wood.

Lycoperdon perlatum: on 3 Ont [1827]. Probably on rotted wood.

Marasmiellus filopes: on 8 BC, Ont, Que, NB [1435].

Marasmius androsaceus: on 8 NS [1032].

Mariannaea elegans: on 3 Sask [153].

Martinina panamaensis f. *tetraspora (M. tetraspora)*: on 4 Que [421, 436].

Melampsora medusae (M. albertensis): needle rust, rouille des aiguilles: on 7 BC [1012, 2002], the latter record by inoculation; on 8 BC [F65].

M. occidentalis: rust, rouille: on 7 BC [1012, 2002], the latter record by inoculation; on 8 BC [F65].

Melanconium sp.: on 3 Ont [1828].

Melanotus hartii: on mine timbers of 8 Ont [4]. Associated with a white rot.

Meruliopsis albostramineus (Ceraceomerulius a.): on 8 Que [568]. See *Abies*.

Meruliopsis ambiguus (Merulius a.) (C:197): on 3 Yukon [568], NWT-Alta [1063], BC [568, 1012]; on 8 Man [568]. See *Alnus*.

M. taxicola (Merulius t., Poria t.) (C:199): on 2, 3 NWT-Alta [1063], Alta [568]; on 3 BC [1012, 1341], Sask, Ont [568]; on 4 Ont [1341]; on 6, 8 Que [568].

Merulius sp.: on 3 NWT-Alta [1063], Mack [53].

M. bellus: on 3 NWT-Alta [1063], Mack [53]. Probably specimens of *Ceraceomyces serpens*.

M. incarnatus (Byssomerulius i.): on 8 Alta [1060]. Probably a specimen of *Meruliopsis ambiguus*. Significantly beyond the host and geographic range of *Merulius incarnatus*.

Micraspis acicola (anamorph *Periperidium a.*) (C:198): on 4 Ont [360], Nfld [1340]; on 6 NS [1340].

Microcallis sp.: on 4 Que [F66].

Microlychnus epicorticis: on 7 BC [506, 1012].

Monilia geophila: on 1 [1211], 3, 4 [F64] and 4 [937] Que.

Mucor sp.: on 8 Que [1610].

Mucronella calva (M. aggregata): on 2 BC [1062]. See *Abies*.

Myceliophthora thermophila (Sporotrichum t.): on 8 BC [1723], NB [1610].

Mycena rubromarginata: on 8 Que [1385].

Mytilidion sp.: on 3 NWT-Alta [1063].

M. karstenii: on 3 Man [F66].

M. tortile: on 3 NWT-Alta [1063].

Myxotrichum setosum: on 3 Sask [1635].

Nectria sp.: on 2 BC [1012]; on 3 Ont [1340]; on 5 Nfld [F75].

N. fuckeliana: on 1, 3, 4 Que [1685], on 1 by inoculation; on 1, 3 Que [F66]; on 3 BC [1012]; on 8 NB [175].

Odontia sp.: on 4 Ont [1341]; on 7 BC [1012].

O. lactea (C:198): on 3 BC [1012]. See comment under *Abies*.

Odonticium romellii (Odontia r.): on 2 NWT-Alta [1063]. See *Pinus*.

Odontotrema hemisphaericum: on 3, 4 Que [1690].

Oedemium didymum (holomorph *Chaetosphaerella fusca):* on 8 NB [1610].

Oedocephalum sp.: on 7 BC [1149].

Oidium microspermum: on 8 NWT-Alta [1063], Alta [952].

Onnia circinata (Inonotus c., Polyporus c., P. tomentosus var. *c.)* (C:199): red butt rot, carie rouge alvéolaire du pied: on 1 Que [1210]; on 2 Alta [1062]; on 2, 3 Alta [1341]; on 3 Sask [1062], Man [579], Que [F65], NB [1032, 1062]; on 3, 7 BC [1012, 1062]; on 3, 4 Ont [1062, 1341], Que [F71]; on 4 Man [1062]; on 6 NB, NS [1032, 1062]; on 8 Sask [1962], Que [1377]. See *Abies*.

O. tomentosa (Inonotus t., Polyporus t., Polyporus t. var. *tomentosus, Xanthochrous t.)* (C:199): red butt rot, carie rouge alvéolaire du pied: on 1, 3 Que [F64]; on 2, 3 NWT-Alta [1063], BC [1012, 1062]; on 3 Alta [1062, F62], Sask [158, 1952, 1954 by inoculation, F60, F70], Ont [338, 1341, 1738, 1966], Que [913, 915, 1210, 1212, 1222, F62, F69, F76], NB [1062], NS [1032, F72], Nfld [1659, 1660, 1661] and Sask, Man

[1062, 1951, 1959, 1965, F61, F63], Ont, Que [F65, F66, F67]; on 3, 4 Sask [1953, 1960, 1962], Ont [1062, 1828, 1956, F71, F72]; on 3, 6 Que [F70]; on 4 Alta, Man, Que, NB [1062], Sask [1961], Ont [90, 1958, F73], Que [F67, F73], Nfld [1661], Labr [F73]; on 6 NS [1062]; on 7 BC [1062]; on 8 Sask [1955, F60], Man [F60], Ont [F68, F69], Que [1385], NB, NS, PEI [1032]. See *Abies*.

Osteina obducta (Polyporus osseus) (C:198): on 7 BC [1012, 1061, 1341]. See *Abies*.

Ostreola consociata (C:198): on 3 Que [359].

Oxyporus similis (Poria s.): on 7 BC [1061]. See *Populus*.

Pachnocybe ferruginea: on 3 Que [F69].

Paecilomyces sp.: on 8 NB [1610].

P. varioti: on 8 NB [1610].

Panellus serotinus (Pleurotus s.) (C:198): on 3 BC [1012, 1062]; on 8 BC [F66]. See *Acer*.

Panus rudis: on 4 Ont [1341]. See *Acer*.

Parmastomyces transmutans (Polyporus subcartilagineus, Tyromyces kravtzevianus) (C:199): on 3 BC [1718], Sask [579, 1061]; on 4 Que [1061]; on 8 Sask, Man [579], NB [1061]. See *Abies*.

Paullicorticium delicatissium: on 8 Que [969, 1060]. Lignicolous.

P. niveo-cremeum (Corticium n.): on 2 NWT-Alta [1063]. Lignicolous.

P. pearsonii: on 8 Que [969, 1060]. Associated with a white rot.

Penicillium sp.: on 3, 4 Ont [1964, 1966], Que [917]; on 8 Que, NB, NS [1610].

P. aurantiogriseum (P. cyclopium): on seedlings of 3a in cold storage Alta [746].

Peniophora sp.: on 2, 3, 8 NWT-Alta [1063]; on 3 Mack [53].

P. cinerea: on 4 Que [917]; on 8 Alta [1060]. See *Abies*.

"*P.*" *coccineo-fulva*: on 8 Que [969]. The type specimen is effete. The name has been applied to a *Phanerochaete* which may not be different from *P. velutina*.

P. piceae (P. separans) (C:198): on 2, 3 NWT-Alta [1063], Alta [1060]; on 2 Alta [951]; on 3 BC [1012, 1060]; on 8 Nfld [1060, 1659, 1660, 1661]. See *Abies*.

P. pithya (C:198): on 3 Ont [1060]; on 4 NB [1032, 1060]; on 8 NWT-Alta [1063], Que, NS [1060], NB, NS [1032]. See *Abies*.

P. pseudopini (C:198): on 3 BC [1060], Alta [1941]; on 3, 4 Alta, Man [1060]; on 4 Que [917]. See *Abies*.

P. septentrionalis (C:198): red heart rot, carie rouge du coeur: on 2, 3, 4 NWT-Alta [1063]; on 2, 3, 8 Alta [1060]; on 3 Mack [53], BC [1012, 1060], Sask [1060], Ont [1341]; on 3a BC [1233]; on 4 Ont [90, 1060], Que [917, 937, 1060], Nfld [1659, 1660, 1661]; on 6 NS [1060]; on 6, 8 NS [1032]. See *Abies*.

P. violaceolivida: on 2 NWT-Alta [1063]. Lignicolous.

Peridermium coloradense (telial state *Chrysomyxa arctostaphyli*): witches'-broom rust, rouille-balai de sorcière: on 8 Nfld [333]. Perennial and systemic, causes large witches' brooms.

Periperidium acicola (holomorph *Micraspis a.*) (C:198): on 4 Ont [360, 362, 1763].

Pestalotia sp.: on 1 Ont [1340].

Peyronelia rudis: on 3 Sask [1760].

Pezicula livida (anamorph *Cryptosporiopsis abietina*): on 3 Que [1690].

Peziza sylvestris: on 3 Ont [1828].

Pezizella sp.: on 7 BC [1012].

P. chapmanii: on 3 BC [1012, 1946].

Phacidium sp.: on 1, 6, 8 Que [F62]; on 4 Nfld [1661, F65].

P. abietis: on 1, 3, 4, 8 Que [F64]; on 1, 3, 5, 6 Que [1677].

P. infestans (C:198): snow blight, brûlure printanière: on 4, 8 Nfld [1661]; on 8 Que [1377]. Records are suspect, see note under *Abies*.

Phaeocryptopus nudus: on 5, 7 BC [1012].

Phaeolus schweinitzii (Polyporus s.) (C:198): brown cubical rot, carie brune cubique: on 2, 3 NWT-Alta [1063]; on 2 BC [954]; on 3 NWT, BC, Man, Ont, NB, NS [1061] and Mack [53, 579], BC [1012], Ont [1341, 1828, F65, F67, F68, F72], NB, NS [1032], Nfld [1659]; on 3, 4 Ofld [1660, 1661]; on 4 Ont [1061, F68, F71, F72]; on 7 BC [1012, 1061, 1149]; on 8 Que [282, 1377], NB, NS, PEI [1032, 1061].

Phaeostalagmus tenuissimus (Verticillium t.): on 4 Man [1760].

Phanerochaete carnosa (Peniophora c.) (C:198): on 4 Nfld [1060]; on 8 NS [1032].

P. sanguinea (Peniophora s.): on 2, 3 NWT-Alta [1063]; on 8 Que [969, 1060], NS [1032]. See *Abies*.

P. sordida (Peniophora cremea, Phanerochaete c.) (C:198): on 3 NWT-Alta [1063]; on 3 Mack [53], BC [1012, 1060]. See *Abies*.

P. velutina (Peniophora v.): on 3 NWT-Alta [1063], Mack [53]; on 8 Alta [1060], Que [969, 1060]. See *Acer*.

Phellinus chrysoloma (Fomes pini var. *abietis)* (C:197): red ring rot, carie blanche alvéolaire: on 4 Labr [867]; on 8 NS [1036]. See *Abies*.

P. ferreus: on 3 BC [1062]. See *Acer*.

P. ferrugineofuscus (Poria f.) (C:199): on 3 NWT, BC, Ont [1062] and NWT-Alta [1063], Mack [53, 579]; on 8 Alta [1062]. See *Abies*.

P. ferruginosus (Poria f.) (C:199): on 3 BC [1012, 1062]; on 8 Alta [1062]. See *Abies*.

P. nigrolimitatus (Fomes n.) (C:197): white pocket rot, carie blanche alvéolaire: on 2 NWT-Alta [1063], BC [953]; on 3 Yukon [1110, 1062]; on 3, 7 BC [1012]; on 3, 7, 8 BC [1062]; on 7 BC [1341].

P. pini (Fomes p., Trametes p.) (C:197): red ring rot, carie blanche alvéolaire: on 1 Ont [1341]; on 2, 3, 4, 8 NWT-Alta [1063]; on 2 BC, Alta, Sask, Man, Ont, Que, OB, NS [1062] and BC [953, 954, 1012, 1341], Alta [950, 951, 952, F72], Que [1377]; on 3 Yukon [F62], Mack [53, F60, F67], BC [1012, 1341], Alta [53], Sask [932, 1952], Ont [1341, 1966, F66], Que [913, 914, 1377], NB, NS [1032], Labr [F73] and Sask, Man [1951, F63]; on 3, 4 Yukon [460], Nfld [1660, 1661, F72]; on 4 Yukon [F62], Mack [53, 1110, F60], BC [1012, F74], Ont [90], Que [937, 938, 1377, 1391, F67], NB, NS [1032, 1062], Nfld [1659], Labr [F73] and Yukon, NWT, Alta, Sask, Man, Ont, Que [1062]; on 5, 6 Que [1377]; on 6 Que [1062, F70], NB, NS [1032, 1062]; on 7 BC [1012, 1062, 1149, 1341]; on 8 Alta [950, 951], Man [1062], NB, NS, PEI [1032, 1062], Nfld [1659, 1660, 1661]. See *Abies*.

P. punctatus (Poria p.): on 3 BC [1012]. See *Abies*.

P. tsugina (Poria t.): on 3 BC [1718]. See *Abies*.

P. viticola (Fomes v.): on 2 BC [1062]; on 3 Yukon [1062], NWT-Alta [1063], Mack [53]. See *Abies*.

P. weirii: on 2, 7 BC [1062]; on 7 BC [1012]. Causes a root and butt rot of live trees. See *Abies*.

Phialea strobilina: on 4 Ont [1340].

Phialocephala bactrospora: on 8 NB, NS [1610].

P. fusca (C:198): on 3 Ont [877].

P. repens: on 1 Que [F65].

Phialophora sp.: on 1 Que [F65]; on 4 Ont [90]; on 8 Que, NB [1610].

P. alba: on 4 Ont [90].

P. americana: on 8 NB [1610].

P. botulispora: on 3 Ont [279].

P. fastigiata: on 2 BC [279, 1012]; on 4 Sask [279]; on 8 Que, NB [1610].

P. heteromorpha: on 8 NB [1610].

P. lagerbergii: on 8 Ont [279], NB [1610].

P. melinii: on 4, 6 NB [279]; on 8 Sask [279], Que, NB [1610].

Phlebia centrifuga (P. albida auct.*)* (C:198): on 3 BC [1012]. See *Abies*.

P. livida: on 8 Alta [1060], Que [969]. See *Abies*.

P. phlebioides: on 8 Que [969]. See *Abies*.

P. radiata: on 3 NWT-Alta [1063]. See *Abies*.

P. segregata (Peniophora livida) (C:198): on 8 Que [969]. Lignicolous.

P. subserialis: on 8 Que [969, 1060]. See *Pinus*.

Phlebiopsis gigantea (Peniophora g., Phlebia g.) (C:198): white sap rot, carie blanche de l'aubier: on 3 NWT-Alta [1063], BC [1012, 1060], Sask [1951, 1952], Man [1951], NB [1032]; on 4 Que [917]; on 6 NS [1032]; on 8 Que [969, 1060, 1610], NB [1610], Nfld [1659, 1660, 1661]. See *Abies*.

Pholiota adiposa: on 2, 3 BC [1062], Sask, Man [1951]. See *Acer*.

P. alnicola (Flammula a.) (C:197): yellow checked rot, carie jaune craquelée: on 2 BC [F66]; on 2, 3, 4 BC [1012]; on 3 NWT-Alta [1063], BC [F60], Sask, Man [F61] and BC, Alta, Man [1062]; on 3, 3a Alta [387]; on 4 Ont [90, 1062, 1964, F74]; on 8 Sask [1062]. See *Abies*.

P. aurivella (C:198): on 2, 3 BC [1062]; on 3 BC [1012]. See *Abies*.

P. limonella (P. squarrosa-adiposa) (C:198): on 8 BC [1012, 1062]. See *Abies*.

Phoma sp.: on 3 Ont [973]; on 3a Alta [746]; on 7 BC [1012].

P. glomerata: on 3a Alta [746].

Phomopsis sp.: on 5 Ont [1827]; on 7 BC [1012].

Phragmothyriella sp.: on 2 NWT-Alta [1063]. Possibly a specimen of *Schizothyrium* sp.

Phragmotrichum chailletii: on 3 BC [1012]; on 4 Ont [1340].

Phyllotopsis nidulans: on 8 Nfld [1659, 1660]. See *Abies*.

Phytophthora cactorum: on 5 Sask [1848].

Piloderma bicolor (Athelia b., Corticium b.) (C:196): on 3 NWT-Alta [1063], Mack [53], BC [1012, 1060]; on 8 Alta [1060], Que [969, 1060], NS [1032]. On well-rotted wood or on fallen needles, twigs, etc. See *Abies*.

P. byssinum (Athelia b.): on 3 NWT [1060]; on 8 Alta [1060]. On well-rotted wood or on fallen needles, twigs, etc. Associated with a white rot. Mycorrhizal on, at least, *Pseudotsuga*.

Piloporia albobrunnea (Poria a.): on 2 NWT-Alta [1063]; on 3 Yukon [1061]. Associated with a brown rot.

Pleospora sp.: on 2, 3 BC [1012]; on 6 NS [1032].

Pleurostoma candollei (C:198): on 1 Que [F62].

Pleurostromella sp.: on 3 Ont [1827].

Pleurotus ostreatus (C:198): white spongy rot, carie blanche spongieuse: on 3 BC [1012, 1062]; on 4 NWT [1062].

Plicatura crispa (Trogia c.) (C:200): on 3 BC [1012]. Lignicolous.

Polyporus sp.: on 4 Nfld [1660, 1661].

P. badius (P. picipes) (C:198): on 3 Nfld [1659, 1660, 1661]; on 7 BC [1012, 1061]. See *Abies*.

P. hirtus (C:198): on 3 BC [1012, 1061, 1718]; on 6 Nfld [1061]. Uncommon, typically attached to buried wood. See *Abies*.

P. varius (P. elegans) (C:198): on 3 BC [1012, 1061], Alta [1061]; on 8 NWT [1061], Mack [579]. See *Abies*.

Poria sp.: on 3 NWT-Alta [1063], Nfld [1659]; on 3, 4 Nfld [1660, 1661]; on 8 NB, NS [1032].

P. alpina: on 3 Alta [1061]. Associated with a brown rot. Now in *Antrodia*.

P. byssina: on 3 Mack [579]; on 8 Alta [579]. These records are probably collections of *Flaviporus semisupinus*. Lignicolous.

P. rivulosa: on 3 BC [1012]; on 3, 7 BC [1061]. See *Abies*.

P. sitchensis (C:199): on 4 Alta [1061]. Associated with a brown rot.

Pragmopora bacillifera: on 8 Ont [657].

Propolis leonis (C:199): on 8 NS [1032].

P. rhodoleuca: on 4 Ont [1340].

P. versicolor: on 3 Ont [1340].

Pseudohiatula conigenoides: on 1 Que [1385]. Possibly specimens of *Baeospora* sp. or *Strobilurus* sp. because *P. conigenoides* occurs on inflorescences of *Magnolia* sp.

Pseudohydnum gelatinosum: on 8 Que [282]. Probably on well-rotted wood.

Pseudomerulius aureus (Merulius a., Plicatura a.) (C:197): on 3 BC [568, 1012, 1060]; on 8 Man [568]. See *Pinus*.

Pseudophacidium garmanii: on 2, 3 BC [520].

P. piceae: on 1, 6 Que [1685], on 6 by inoculation; on 3, 4 Que [1685, 1686, F68, F69]; on 4 Que [F65].

Pseudotomentella flavovirens: on 4 Ont [1341].

P. humicola: on 4 Ont [926, 1062, 1341].

P. tristis (P. umbrina): on 8 Ont [1341].

Ptychogaster sp.: on 8 NB [1610].

Pucciniastrum sp.: rust, rouille: on 3 Yukon, Alta [F68], Mack [53], Sask, Man [F69, F73], Que [F67] and Man [F74].

P. americanum (C:199): needle rust, rouille des aiguilles: 0 I on 2 BC [1012, F62]; on 3 BC [1012, F72], Ont [1236], Que [1377, F60, F65], NB, PEI [1032]; on 8 BC, Man [2008].

P. arcticum (C:199): rust, rouille: 0 I on 3 Alta [2008], Ont [1828], Que [1377].

P. sparsum: rust, rouille: 0 I on 3 Yukon [F64]; on 3 Yukon, Mack [729, F69]; on 3, 4 Yukon [460]; on 3, 5 Alta [729] by inoculation; on 4 Yukon [F64]; on 5 Yukon, Mack [F69]; on 8 Yukon, NWT [2008], Alta [952].

Punctularia strigosozonata: on 8 Que [969, 1062]. See *Alnus*.

Pycnoporellus alboluteus (Phaeolus a., Polyporus a.) (C:198): on 2, 3, 8 NWT-Alta [1063]; on 2, 3, 7 BC [1012, 1061]; on 2 BC [954], Alta [950]; on 7 BC [1179, 1341]; on 8 Alta [1061]. See *Abies*.

P. fulgens (Phaeolus fibrillosus, Polyporus f.) (C:198): on 3 BC [1179]; on 4 Ont [1341]; on 3, 7 BC [1012, 1061]; on 8 Nfld [1659, 1660, 1661]. See *Abies*.

Pycnoporus cinnabarinus (C:199): on 3 NS [1061, 1032]. Host appeared as *P. engelmannii*, presumably in error, in [1061].

Pyrenochaeta sp.: on 8 NB, NS [1610].

Pythium sp. (C:199): on 2 BC [1012]; on 7 BC [F70]; on 8 Alta [337], NB [1885].

P. debaryanum: on 4 Que [F65]; on 5 Sask [1848]; on 8 Que [1377].

P. intermedium: on 2, 3a Alta [745].

P. sylvaticum: on 2 Alta and on 3 Sask [1846].

P. ultimum: on 3 BC [1012, F69]; on 3a Alta [746]; on 5 Sask [1848].

Ramaricium albo-ochraceum (Trechispora a.): on 4 Ont [572, 970]. Lignicolous.

Repetobasidium mirificum: on 8 Que [969, 1060]. Lignicolous.

R. vile: on 8 Que [969, 1060]. Lignicolous.

Resinicium bicolor (Odontia b.) (C:198): white stringy rot, carie blanche filandreuse: on 3 BC [1012, 1718], Sask, Man [1951] and BC, Sask [1060]; on 4 Ont [90, 1341, 1964], Que [917], NB, NS [1032] and Ont, NB [1060]; on 8 NS [1032].

R. chiricahuaensis: on 8 Alta [1060]. Associated with a white rot.

R. furfuraceum: on 8 Que [1060]. Associated with a white rot.

Resupinatus applicatus (R. atropellitus): on 8 Que [282]. Lignicolous.

Retinocyclus abietis (C:199): leader dieback, dépérissement de la flèche: on 1 Que [1209]; on 1, 3 Que [1211]; on 1, 4, 6 Que [F66]; on 2 Alta [950]; on 2, 3, 7 BC [1012]; on 3 Mack [F61], Alta [53], Ont [1340, 1827, F66]; on 3, 4 Mack [53]; on 3, 4, 8 NWT-Alta [1063]; on 4 Alta [F61], Ont [90], Que [457, 937, 917]; on 8 Sask [F67].

R. olivaceus: on 3 Que [F71]; on 7 BC [1012].

Rhinocladiella sp.: on 8 NB [1610].

R. atrovirens (C:199): on 8 NB [1610].

R. elatior: on 8 Que [1610].

R. mansonii: on 2, 3 BC [1012].

Rhizina undulata: on 3, 7 BC [1012]; on 4 Sask [F70], Ont [F72]; on 8 Ont [F74]. Causes root rot in seedlings, esp. when planted on recently burnt sites. Also parasitizes trees adjacent to burnt sites.

Rhizoctonia solani (R. dichotoma, R. praticola) (holomorph *Thanatephorus cucumeris*): on 3 Sask [1511]; on 5 Sask [1510]; on 6 NB [1885, F73], Sask [1848]; on 8 Que [1377].

Rhizopus nigricans: on 8 BC [1012].

Rhizosphaera kalkhoffii (C:199): needle cast, rouge: on 2, 8 Que [1377]; on 3 Ont [F74, F76], NB [1032]; on 5 Ont [F73, F74, F75]; on 8 Que [1763].

R. pini: on 4 Man [F67].

Rhizothyrium abietis (holomorph *Rhizocalyx a.*): on 6 NB [1032, F65]; on 8 Ont [F69].

Rhodotorula sp.: on 8 NB [1610].

Rigidoporus nigrescens (Poria n.) (C:199): on 7 BC [1012, 1061]. See *Acer*.

Rileya piceae: on 7 BC [516].

Rutstroemia bulgarioides (Chlorosplenium b., Chlorociboria strobilina): on 4 Mack [664], Ont [1340]; on 8 NS [1032].

Saccardinula sp.: on 4 Ont [1340].

Saccharomyces sp.: on 8 Que, NB [1610].

Sarcotrochila piniperda (Naevia p.) (C:199): on 3 NWT-Alta [1063] and Alta [F64, F68], Sask [F74], Man [F67], Ont [1340], NS [F66]; on 3, 4 Sask, Man

[F68]; on 7 BC [1012]; on 8 Alta [F66], Ont [1444].

Schizophyllum commune (C:199): on 3 NB, on 6, 8 NS and on 8 PEI [1032, 1062]. See *Abies*.

Sclerophoma sp.: on 3 BC [1012].

S. pithya: on 4 Ont [1827].

S. pithyophila (holomorph *Sydowia polyspora*) (C:199): on 3, 4 Sask, Man [F67]; on 5 Sask, Man and on 8 Ont [F68].

Scoleconectria cucurbitula: on 1, 3, 4 Que [1685] by inoculation.

Scopuloides hydnoides (Odontia h., Phlebia h.): on 3 NWT-Alta [1063], Mack [53]; on 8 Alta [1060]. See *Fagus*.

Scytalidium sp.: on 3 Que [354].

S. lignicola: on 3 Que [353, F69]; on 4 Man [1760], Ont [90]; on 8 NB, NS [1610].

Scytinostroma galactinum (Corticium g.) (C:196): white stringy rot, carie blanche filandreuse: on 1 Que [F65]; on 2, 3 BC [1062]; on 3 BC [1012, 1718], Sask, Man [1951], Que [914], NB [1032, 1062]; on 3, 4 Ont [1062, 1341, 1956]; on 3, 6 Ont [F72]; on 3a, 8 BC [1233]; on 4 Man, Que, NB [1062] and Ont [90, 1964, 1958, F74], NB [1032]; on 6 Que [1062]; on 8 Alta [1062], Que [969], NS [1032, 1062], Nfld [1659, 1660, 1661].

Sebacina sp.: on 3 NWT-Alta [1063], Mack [53].

S. incrustans: on 3 NWT-Alta [1063], Mack [53]. Lignicolous.

Seimatosporium sp. *(Sciniatosporium sp.)*: on 3 Man [F66].

Septonema fasciculare: on 3 Sask, Man, Que [1760].

Septotrullula sp.: on 3 BC [1012].

Serpula himantioides (Merulius h., S. lacrimans var. *h.)* (C:198): brown cubical rot, carie brune cubique: on 3 BC, Alta, Man, Ont, NB [1062] and BC [1012], NB [1032]; on 4 Ont, Que [1062] and Ont [90].

S. incrassata (Poria i.): on 8 NB [1032, 1061]. Associated with a brown rot.

S. lacrimans (S. l. var. *lacrimans)*: on 8 Ont [1341], NS [1032]. Associated with a brown rot of timbers in buildings. Not found in the forest.

Sirococcus conigenus (S. strobilinus, Discella s.): on 1 Que [F70, F71]; on 2, 3, 7 BC [1012]; on 3 BC [F71, F72, F76], Que [F70], NS [F75] and BC, Ont, NB, PEI [F74]; on 3, 4 Que [1690, F68], NB, PEI [1037]; on 4 Ont [1340, F67], Que [F71, F72, F73, F74, F75], NB [1886], PEI [1886, F74]; on 5 Ont [F73, F74, F75, F76], Que [F68]; on 8 BC [18].

Sirodothis sp. (holomorph *Tympanis* sp.): on 3 BC [1012].

Sistotrema brinkmannii (Grandinia b., Trechispora b.) (C:200): white stringy rot, carie blanche filandreuse: on 3 NWT-Alta [1063], Mack [53], BC [1012]; on 4 Que [917]; on 6 NB [1060]; on 8 Que [969, 1060], NB [1610], NS [1032, 1060].

S. diademiferum: on 8 Que [969, 1060]. Lignicolous.

S. raduloides (Trechispora r.) (C:200): on 3 BC [1012]; on 6 NB [1032, 1060]; on 8 Que [1610]. See *Abies*.

Sistotremastrum suecicum: on 8 Que [969, 1060]. See *Abies*.

Skeletocutis amorpha (Polyporus a.) (C:198): on 2, 3 BC [1012, 1061]. See *Abies*.

S. nivea (Polyporus semipileatus, Tyromyces s.): on 8 Ont [1061], Nfld [1659, 1660, 1661]. See *Amelanchier*.

S. odora (Poria o.): on 8 Yukon [1061].

S. stellae (Poria s.): on 3, 7 BC [1012]; on 4 Nfld [1061]; on 8 BC, Alta [1061]. See *Abies*.

S. subincarnata (Poria s.) (C:199): on 2, 3, 4, 8 Alta [1061]; on 2, 8 Alta [579]; on 3 BC [1012]; on 3, 7 BC [1061]; on 8 NS [1032, 1061]. Associated with a white rot.

Spadicoides atra: on 3 Man [1760].

Sphaerobasidium minutum (Xenasma m.): on 8 Que [969, 1060]. See *Abies*.

S. subinvisible: on 8 Que [969, 1060]. Lignicolous.

Sphaeropsis ellisii (C:199): on 3 Ont [1340]; on 5a Que [337].

S. sapinea (Macrophoma s.) (holomorph *Botryosphaeria laricis*): on 1, 3, 5, 6 Que [1687].

Sporidesmium achromaticum: on 3 Sask [1760]; on 3, 4 Man [1760].

Sporobolomyces sp.: on 8 Que [1610].

Steccherinum ciliolatum (Hydnum c.): on 8 Que [556, 1062]. See *Acer*.

Stemonitis axifera: slime mold: on 2 NWT-Alta [1063], Alta [950].

Stereum ostrea (S. fasciatum): on 4 Que [917]. See *Abies*.

Sterigmatobotrys macrocarpa: on 8 Man [1760].

Stigmina lautii: on 3 BC [1012, F73], Sask [1760]; on 3, 4 Man [1760].

S. verrucosa (Sciniatosporium v.): on 2 BC [1012, F69]; on 3 BC [1127]; on 3, 4 BC [1012, 1760].

Strasseria geniculata: on 3 Que [1278].

Streptomyces sp.: on 8 NB [1610].

Strobilurus occidentalis: on 3, 7 BC, Alta and on 8 Alta [1431].

Subulicystidium longisporum: on 4 BC [1061]. See *Betula*.

Suillosporium cystidiatum: on 8 Ont [1062], Que [969, 1062]. Lignicolous.

Sydowia polyspora (anamorph *Sclerophoma pithyophila*): on 1, 3, 4, 6 Que [1686] on 1 and 6 by inoculation; on 2, 3, 3 X 2, 7 BC [1012].

Taeniolella rudis: on 3 Que [815].

Talaromyces emersonii: on 8 BC [1723]. Reported as "*Byssochlamys emersonii* Stolk-Apinis," a name which apparently has not been validly published; see in [1743] under "Materials examined".

Thanatephorus cucumeris (anamorph *Rhizoctonia solani*): on 3 Que [1945].

Thelephora sp.: on 8 Ont [1828].

T. penicillata (T. fimbriata): on 3 Sask [F63].

T. terrestris: on 4 Que [F76]; on 8 NS [1032]. See *Pinus*.

Thermoascus aurantiacus: on 8 BC [1723], NB [1610].

Thermomyces lanuginosus (Humicola l.): on 8 BC [1723], NB [1610].

Therrya sp. *(Coccophacidium* sp.*)*: on 3 BC [1012].

T. piceae: on 3 BC [519].

Thysanophora penicillioides: on 3 Man [1760], NB [872]; on 3, 4, 8 Ont [872]; on 6 NS [872].

Tiarosporella parca: on 2, 3 Alta [1947].

Tomentella sp.: on 8 NB [1032].

T. bryophila: on 8 Man [1062].

T. calcicola: on 8 Alta [1062].

T. ramosissima (T. fuliginea): on 4, 8 Nfld [1062]; on 8 Ont [1062], Que [1062, 1341].

T. rubiginosa (C:199): on 3 Man [1062].

T. sublilacina: on 4 Nfld [1062]; on 8 Ont [1062, 1341].

T. violaceofusca: on 8 Man [1062].

Tomentellastrum badium (T. floridanum, Tomentella atroviolacea): on 3 Yukon [1062]; on 8 Alta [1341].

Tomentellina fibrosa: on 3 Yukon [1062].

Trechispora cohaerens (Corticium confine, T. confine, T. submicrospora, Corticium s.): on 8 Que [969, 1060]. Lignicolous.

T. farinacea (Grandinia f.): on 8 Alta [1060], Que [969, 1060]. See *Abies*.

T. mollusca (Poria candidissima, Trechispora c., P. mollusca) (C:199): on 4 Nfld [1659, 1660, 1661]; on 7 BC [1061]; on 8 Ont [970], Que [1060]. See *Abies*.

T. pallidoaurantiaca: on 4 Alta [559, 1060]. See *Pinus*.

T. stellulata (Corticium s.): on 8 Que [969, 1060]. Lignicolous.

T. vaga (Corticium sulphureum) (C:196): on 3 NWT-Alta [1063], Mack [53], Nfld [1060]; on 8 Man [970]. See *Abies*.

Tremella lutescens: on 4 Nfld [1659, 1660]. Lignicolous.

T. mesenterica: on 3 BC [1012, 1062]. See *Acer*.

Trichaptum abietinus (Hirschioporus a., Polyporus a.) (C:198): white pocket rot, carie blanche de l'aubier: on 2, 3, 4 NWT-Alta [1063]; on 2 BC [953], Alta [952]; on 3 Yukon [460, 1110], Mack [53, 1028], BC [1012, 1341], Alta [53], Ont [1341] and Yukon, NWT, BC, Alta, Ont [1061]; on 3, 4, 8 NB, NS, PEI [1032, 1061]; on 4 NWT, Ont, Que [1061] and Mack [53, 1110], BC [1012], Sask [1028], Ont [1341], Nfld [1061]; on 4, 8 Nfld [1659, 1660, 1661]; on 5 NB [1032]; on 6 NB, NS [1032, 1061]; on 7 BC [1012, 1061]; on 8 BC, Ont, Que [1061], Ont [1827], Labr [867].

T. laricinus (Hirschioporus l.): on 2 BC [1012]; on 4 Sask [1028], Labr [867]. See *Abies*.

Trichocladium canadense: on 8 NB [1610].

Trichoderma sp. *(Pachybasium* sp.*)*: on 3 Ont [F66]; on 8 NB [1610].

T. polysporum (T. sporulosum): on 8 NB [1610].

T. viride: on 3, 4 Ont [1964, 1966]; on 4 Sask, Man [1760]. See *Abies*.

Tricholomopsis decora: on 3 BC [1062]. Associated with a white rot.

Trichosphaeria parasitica (C:200): on 3, 6 Que [F61].

Trichothecium roseum: on 2 NWT-Alta [1063], Alta [950].

Triposporium elegans: on 4 Man [1760].

Tritirachium hydnicola: on 3 NWT-Alta [1063].

Tryblidiopsis sp.: on 4 Que [F70].

T. picea: on 3, 4 Que [1690].

T. pinastri (C:200): on 2, 3, 7 BC [1012, F63]; on 3, 4 Yukon [F63], Sask, Man [F69]; on 3 Yukon [460], Sask [1340], Ont [1340, 1827, 1828, F62], Que [F65], PEI [1032]; on 4 BC [1012, F62], Ont [1340], PEI [F62].

Tubercularia sp.: on 6 NB [1032].

T. ulmea: on 5 Sask [F69].

Tubulicrinis accedens: on 8 Que [969, 1060]. See *Abies*.

T. angustus (Peniophora a.): on 4 Ont [1935]; on 8 Que [969, 1060]. Lignicolous.

T. calothrix: on 8 Que [969, 1060]. See *Pinus*.

T. chaetophorus: on 8 Que [969, 1060]. Associated with a white rot.

T. glebulosus (Peniophora gracillimus, Tubulicrinis g.): on 3 NWT-Alta [1063], Mack [53], BC [1012]; on 8 Que [969, 1060]. See *Abies*.

T. hamatus: on 8 Que [969, 1060]. See *Abies*.

T. juniperinus: on 8 Que [969]. Lignicolous.

T. medius (Peniophora m.): on 3 Yukon [1110]. Lignicolous.

T. propinquus: on 3 Man [1060]; on 8 Que [969, 1060]. Lignicolous.

T. subulatus: on 8 Que [969, 1060]. See *Abies*.

Tylospora asterophora: on 8 Que [969, 1060]. Lignicolous.

T. fibrillosa (Hypochnus f.): on 8 Que [924, 969, 1060]. Lignicolous.

Tympanis sp.: on 1 Que [1211]; on 4 Que [917].

T. abietina: on 1, 3, 4, 6 Que [1688] on 1, 3 and 6 by inocluation.

T. confusa: on 3, 4 Que [1688] by inoculation.

T. hansbroughiana: on 3, 4, 6 Que [1688] on 6 by inoculation.

T. hypopodia (T. piceina) (C;200): on 1, 3, 4, 6 Que [1688]; on 3, 4 Que [F68]; on 4 Ont [90]; on 8 Que, NB [1221].

T. laricina (anamorph *Sirodothis* sp.): on 3 BC [1012]; on 3, 4 Que [1688] by inoculation; on 8 Que, NB [1221].

T. pithya: on 3, 4 Que [1688] by inoculation.

T. truncatula (T. pinastri): on 3 Man [F66]; on 3, 4 Que [1688] by inoculation.

T. tsugae: on 3, 4 Que [1688] by inoculation; on 8 Ont [1221].

Tyromyces balsameus (Polyporus b., P. cutifractus) (C:198): brown cubical rot, carie brune cubique: on 3 BC, Alta, Ont, NB [1061] and NB [1032]; on 3, 7 BC [1012]; on 4 Ont [90, 1061, 1341], Que [937]; on 7 BC [1061, 1341]; on 8 Que [1377], NB [1610], NS [1032, 1061].

T. borealis (Abortiporus b., Polyporus b.) (C:98): white mottled rot, carie blanche madrée: on 2, 3, 7 BC [1061]; on 3,7 BC [1012]; on 3, 6, 8 NB [1032, 1061]; on 6, 8 NS [1061]; on 8 Ont [1377], NS [1032], Nfld [1659, 1660, 1661]. Associated with a white rot.

T. caesius (Polyporus c.) (C:198): on 3 Yukon, NWT, BC, Alta [1061]; on 3 BC [1012]. See *Abies*.

T. canadensis (C:198): on 8 Ont [1013]. Associated with a white stringy rot.

T. chioneus (Polyporus albellus, Tyromyces a.): on 4 NB [1032, 1061]. See *Abies*.

T. guttulatus (Polyporus g.) (C:198): on 7 BC [1012, 1061]. See *Abies*.

T. lapponicus (Amylocystis l., Polyporus l.) (C:198): on 2, 3, 8 NWT-Alta [1063]; on 2, 3, 7, 8 BC [1061]; on 2, 3 Alta [1061]; on 2 Alta [579]; on 3 Yukon [1110]; on 3, 7 BC [1012]; on 7 BC [1341]; on 8 Yukon [460]. See *Pinus*.

T. mollis (Polyporus m.): on 3 NWT-Alta [1063], Alta [579, 1061]. See *Abies*.

T. placenta (Poria p., P. monticola) (C:199): on 3 NWT-Alta [1063]; on 7 BC [1012, 1061, 1341]. See *Pinus*.

T. ptychogaster: on 8 NS [1635]. Lignicolous.

T. sericeomollis (Polyporus s., Poria s., P. asiatica) (C:199): on 2, 3, 7 BC [1061]; on 3 BC [1718], Sask, Man [1951]; on 3, 7 BC [1012]; on 6 NB [1032, 1061]; See *Abies*.

T. stipticus (Polyporus immitis, Tyromyces i.) (C:198): brown cubical rot, carie brune cubique: on 3 NWT [1061], Mack [579], Sask [579, 1061]; on 8 Que [1341], NB [1032, 1061]. See *Abies*.

T. subvermispora (Poria s.): on 7 BC [1012]. See *Abies*.

T. undosus (Polyporus u.) (C:199): on 7 BC [1012, 1061]. See *Abies*.

Uthatobasidium ochraceum (Botryobasidium flavescens): on 3 BC [1060]. Lignicolous.

Valsa sp.: on 1, 3, 4, 6 Que [1223]; on 1, 3 Que [F61]; on 3 Yukon [460].

V. abietis: on 1, 3, 4, 5, 6 Que [1689]; on 3 BC [1012]; on 3, 4 Que [F68]; on 4 Que [F69].

V. friesii (anamorph *Cytospora dubyi*): on 1, 3, 4, 6 Que [1689] on 1, 6 by inoculation; on 3, 4 Que [F68].

V. kunzei var. *piceae*: on 1 Ont [863]; on 3 Sask [F65].

V. pini: on 1, 3, 4, 6 Que [1689] by inoculation.

Vararia granulosa (Grandinia g.) (C:197, 200): on 2, 3 BC [1012, 1062]; on 8 Alta [557], Ont [1341]. See *Abies*.

V. investiens: on 8 Que [969, 1062], Nfld [1659, 1660]. See *Abies*.

Verticicladiella abietina (C:200): on 1 Que [F65]; on 2 BC [1012, 874]; on 8 Ont [874].

V. brachiata (C:200): on 4 NB [874]; on 8 NB [1610].

Verticillium sp.: on 4 Ont [90]; on 8 Ont [1827].

Vesiculomyces citrinus (Corticium radiosum, Gloeocystidiellum c.): on 2 BC [1012]; on 8 NWT-Alta [1063], Alta [951], NS [1032]. See *Abies*.

Xenasma gaspesicum: on 8 Que [969, 1060]. Lignicolous.

X. grisellum: on 8 Que [969, 1060]. Lignicolous.

X. rallum: on 7 BC [1060]. Lignicolous.

X. rimicola: on 8 Que [969, 1060]. Lignicolous.

X. tulasnelloideum (Corticium t.): on 3 NWT-Alta [1063]. Lignicolous.

Xeromphalina campanella (C:200): white stringy rot, carie blanche filandreuse: on 2, 3 BC [1012]; on 2, 3, 4 Alta [1062]; on 3, 8 NWT-Alta [1063]; on 3, 7 BC [1062]; on 3 Ont, NB [1062]; on 4 Ont [90, 1062], Que [1062]; on 6 NB, NS [1062]; on 8 NB [1610].

Zythia resinae (Pycnidiella r.) (holomorph *Biatorella r.*): on 4 Que [937].

PINUS L. PINACEAE

1. *P. albicaulis* Engelm., whitebark pine, pin albicaule; native, BC-Alta.
2. *P. banksiana* Lamb. *(P. divaricata* (Ait.) Dum.*)*, Jack pine, pin gris; native, Mack, Alta-PEI.
3. P. *cembra* L., Swiss stone pine, pin des rochers de Suisse; imported from Eurasia.
4. *P. contorta* var. *contorta* Dougl., shore pine, pin tordu; native, coastal BC. 4a. *P. c.* var. *latifolia* Engelm. *(P. murrayana* Grev. & Balf.*)*, lodgepole pine, pin lodgepole; native, s. central Yukon-sw. Mack, BC-w. Alta and Cypress Hills of se. Alta-sw. Sask. Planted beyond native range.
5. *P. echinata* P. Mill., short-leaf pine, pin jaune; imported from USA.
6. *P. flexilis* James, limber pine, pin souple; native, BC-Alta.
7. *P. jeffreyi* Grev. & Balf.; imported from sw. USA.
8. *P. lambertiana* Dougl., sugar pine, pin à sucre; imported from w. USA.
9. *P. monticola* Dougl., western white pine, pin blanc de l'Ouest; native, BC-Alta.
10. *P. mugo* Turra *(P. montana* Mill.*)* Swiss mountain pine, pin de montagne; imported from Europe.
11. *P. muricata* D. Don, bishop pine, pin épineux; imported from California.
12. *P. nigra* Arnold (including vars. *austriaca*, *poirentianer* and *calabrica*), Austrian pine, pin noir; imported from Europe.
13. *P. palustris* P. Mill., longleaf pine, pin à longues feuilles; imported from se. USA.

14. *P. peuce* Griseb., Balkan pine, pin de Balkans; imported from the Balkans.
15. *P. pinaster* Ait., cluster pine, pin de Bordeaux; imported from the Mediterranean.
16. *P. ponderosa* Dougl., ponderosa pine, pin ponderosa; native, BC.
17. *P. radiata* D. Don, Monterrey pine, pin de Monterrey; imported from California.
18. *P. resinosa* Ait., red pine, pin rouge; native, sw. Man-Nfld.
19. *P. rigida* Mill., pitch pine, pin des corbeaux; native, Ont-Que. Along St. Lawrence river between Lake Ontario and Montréal.
20. *P. strobus* L., eastern white pine, pin blanc; native, sw. Man-Nfld.
21. *P. sylvestris* L., Scots pine, pin sylvestre; imported from Eurasia.
22. *P. taeda* L., loblolly pine, pin à encens; imported from se. USA.
23. *P.* hybrids; *P. contorta* x *banksiana*; *P. echinata* x *taeda*; *P. murrayana* x *banksiana*.
24. Host species not named, i.e., reported as *Pinus* sp.

Aleurodiscus lividocoeruleus (Corticium l., Gloeocystidiellum l.) (C:202): on 4 NWT-Alta [1063], Alta [53]; on 24 Ont [964]. See *Abies*.

A. penicillatus (C:200): on 4, 9, 16, 21 BC [1012]; on 4, 16, 21 BC [964]. See *Abies*.

Allescheria terrestris: on 24 BC [1723].

Alternaria sp.: on 2 Ont [91]; on 18 Que [1748]; on 20 Ont [974]; on 21 Sask [1848].

A. alternata (A. tenuis auct.) (C:200): on 2 Ont [F70].

Amphinema byssoides: on 2 Ont [1341]; on 4 Alta [1341, 1828]. See *Abies*.

Amylocorticium canadense: on 24 Ont, Que [1938]. Associated with a brown rot.

A. cebennense (Corticium c.) (C:201): on 9 BC [1012, 1939]; on 24 Ont [1939]. See *Abies*.

A. subincarnatum: on 24 Ont [1940]. See *Picea*.

A. subsulphureum: on 20 NS [1032]. See *Picea*.

Amylostereum chailletii (Stereum c.) (C:204): white stringy rot, carie blanche filandreuse: on 4 NWT-Alta [1063]; on 4a Alta [999, 1485]; on 9 BC [1012].

Anomoporia bombycina (Poria b.): on 4 Alta [579]. See *Picea*.

A. myceliosa (Poria m.): on 2 Ont [1341]; on 4 NWT-Alta [1063]. See *Picea*.

Anthostomella sp.: on 4 BC [1012].

Antrodia albida (Trametes sepium): on 4 NWT-Alta [1063], Alta [53]. See *Alnus*.

A. crassa (Poria c.) (C:204): on 9 BC [1012]. See *Alnus*.

A. crustulina (Poria c.): on 18 Ont [1341]. See *Abies*.

A. gossypia (Poria g.): on 2 Man [579]. See *Abies*.

A. heteromorpha (Coriolellus h., Trametes h.) (C:201): on 2, 4 NWT-Alta [1063]; on 4 BC [953]; on 9, 16 BC [1012]. See *Abies*.

A. lenis (Poria l.) (C:204): on 9 BC [1341]; on 16 BC [1012]; on 18 Ont [1341]. See *Abies*.

A. lindbladii (Poria cinerascens) (C:204): on 16 BC [1012]. See *Abies*.

A. serialis (Coriolellus s., Trametes s.) (C:201): on 2 Ont [1341]; on 4 NWT-Alta [1063], Alta [952]; on 24 NS [1032]. See *Abies*.

A. sinuosa (Coriolellus s., Poria s., P. vaporaria) (C:201): on 4 NWT-Alta [1063]; on 9, 16 BC [1012]; on 20 Ont [1963]. See *Picea*.

A. variiformis (Coriolellus v., Trametes v.) (C:201): on 4 NWT-Alta [1063], Alta [952]; on 9 BC [1012]. See *Abies*.

A. xantha (Poria x.) (C:204): on 4 NWT-Alta [1063]; on 9 BC [1012, 1341]; on 18, 20, 24 Ont [1341]; on 20 Ont [1827]. See *Abies*.

Aposphaeria sp.: on 4 BC [1012].

Arcyria nutans: on 4 NWT-Alta [1063].

Armillaria sp.: on 2 Que [F61]. Probably *Armillaria mellea*.

Armillaria mellea (C:201): root rot, pourridié-agaric: on 2 Mack [53], Alta, Sask, Man, Ont [F61] also Mack, Ont [F63, F64], Man [F62], Ont, Que [F62, F65, F68, F70, F72] and Ont [1827]; on 2, 4, 6 NWT-Alta [1063]; on 2, 10, 18, 20, 21 Que [1377]; on 2, 18 Ont [F66], Que [F74]; on 2, 18, 20 Ont [1341]; on 2, 18, 20, 21 Ont [1964, 1966, F73]; on 2, 18, 21 Que [F76]; on 2, 20 Ont [6]; on 2, 21 Que, NB, NS [F75]; on 4 Alta [950, 952, F60, F63, F64, F65, F66], Que [F66]; on 4a Alta [57, F71, F73]; on 4, 9, 10, 11, 15, 16, 17, 18, 21 BC [1012]; on 6 Alta [F62]; on 9 BC [1124]; on 11, 17 BC [F62]; on 15 BC [F63]; on 18 Ont [834, F64, F65], Que [F62, F73, F75], NB, NS [F74], NS [F70], Nfld [1663, F69]; on 18, 20 Ont [F62, F63], Nfld [1661]; on 18, 21 Que [F68, F69]; on 20 Ont [F74], NB, NS [F72, F74], NB [1032, F62], Nfld [1659, 1660]; on 20, 21 Ont [F62]; on 23 Alta [F69]; on 24 Alta [F68], Ont [F64, F69]. See *Abies*.

Arthrobotrys arthrobotryoides: on 2 Ont [88].

Ascocoryne cylichnium (Coryne c.): on 20 Que [F67].

A. sarcoides (Coryne s.) (C:201): on 2, 4 NWT-Alta [1063]; on 2 Ont [88, 89, 91]; on 2, 18, 20 Ont [1964, 1966]; on 4 Alta [182].

Aspergillus fumigatus: on 24 BC [1723].

Asterodon ferruginosus: on dead wood of 20 Que [1385]. See *Abies*.

Athelia decipiens (Corticium d.): on 2, 4 NWT-Alta [1063]. Associated with a white rot.

A. epiphylla (Corticium e.): on 2 Mack [53]. See *Abies*.

Atropellis sp.: on 15 BC [1012].

A. *pinicola* (C:201): canker, chancre atropellien: on 4, 9 BC [1012]; on 24 BC [1446].

A. *piniphila* (C:201): canker, chancre atropellien: on 2, 4a Alta [F71]; on 2, 4, 23 Alta [F69]; on 4, 16 BC [1012]; on 4, 23 Alta [F68]; on 4, 24 NWT-Alta [1063]; on 4 BC, Alta [767], BC [953, F67, F68, F70], Alta [950, 951, 952, F60, F61, F63, F65], Sask [F65, F67]; on 4a BC [F75], Alta [644, 768, 1340, 1485, F72, F73, F75]; on 23 Alta [F69]; on 24 BC [F73], Alta [F62, F66].

A. *tingens* (C:201): on 9 BC [1012]; on 20 NS [1032].

Aulographina pinorum: on 18 Ont [1340].

Aureobasidium sp. *(Pullularia* sp.*)*: on 20 Ont [974]. Possibly the *Hormonema* state of *Sydowia polyspora*.

A. *pullulans (Pullularia p.)* (C:201): on 2, 18 Ont [1340]; on 2, 18, 20, 21 Ont [F67]; on 2, 21 Ont [F69]; on 2 Ont [88]; on 4 NWT-Alta [1063], Alta [182], Que [F67]; on 10, 18, 21 Que [F62]; on 18 NB [1032]; on 20 Ont [1827]; on 21 NS [1032].

Auriscalpium vulgare (Hydnum auriscalpium): on 2 Mack [1110], NS [1307]; on 4 BC [1012]; on 21 Ont [1341]; on 24 Que [1385]. On fallen cones.

Basidiodendron caesio-cinerea (Sebacina c.): on 2 NWT-Alta [1063]; on 20 Que [1016]. Lignicolous.

B. *eyrei (Sebacina e.)*: on 4 NWT-Alta [1063], Alta [950]. See *Acer*.

B. *nodosa*: on 24 Ont [1016].

B. *pini*: on 20 Ont [1016].

Basidioradulum radula (Radulum orbiculare) (C:204): on 24 NS [1032]. See *Abies*.

Biatorella sp.: on 1 BC [1012].

B. *resinae* (anamorph *Zythia r.*) (C:201): on 2, 4, 24 NWT-Alta [1063]; on 2, 20 Que [1690]; on 2, 21 Ont [1340]; on 2 Alta [53, F62], Ont [F60]; on 4, 9, 16 BC [1012]; on 4 Alta [951]; on 20 Que [1685].

Bifusella pini (Hypoderma p.) (C:203): on 6 NWT-Alta [1063], Alta [F63].

B. *linearis* (C:201): needle cast, rouge: on 1, 9 BC [1012]; on 1 Alta [F68]; on 6 NWT-Alta [1063], Alta [950, F62, F66, F70]; on 20 Ont [1340], NB, NS [1032] and NS [F62].

B. *saccata*: on 1 BC [1012, F68].

Bjerkandera adusta (Polyporus a.): on 2 Ont [1964]; on 18 Ont [1341]. See *Abies*.

Blyttiomyces aureus: saprophytic on pollen of 21 BC [177].

Boletopsis griseus (Polyporus g.): on 24 NS [1032]. Typically on ground, perhaps mycorrhizal.

Botryobasidium subcoronatum: on 20 Ont [1341, 1660]. See *Betula*.

B. *vagum (Pellicularia v.)* (C:203): on 2, 4 NWT-Alta [1063]; on 2 Alta [53], Ont [1341]; on 9 BC [1012]. See *Abies*.

Botryohypochnus isabellinus (Botryobasidium i.): on 24 Ont [1341]. See *Abies*.

Botrytis sp.: on 21 NWT-Alta [1063].

B. *cinerea* (holomorph *Botryotinia fuckeliana*): on 2 Ont [F74, F76]; on 4a BC [F76]; on 11 BC [1012, F66]; on 18, 21 Ont [F73].

Bulliardella sp.: on 4 NWT-Alta [1063]. Probably a specimen of *Actidium*.

Calcarisporium sp.: on 4 NWT-Alta [1063].

Caliciopsis pinea (C:201): canker, chancre caliciopsien: on 9 BC [495, 1012, F62]; on 20 Ont [493, 1340, F60], NB, NS [1032].

C. *pseudotsugae* (C:201): on 21 BC [493, 1012, F62].

Calocera cornea: on 20 NS [1032]. See *Acer*.

Candida sp.: on 18 Que [1748].

Capnodium sp.: on 20 Ont [1340].

C. *pini*: on 20 Ont [1340, F63].

Catinella nigro-olivacea: on 18 Ont [1340].

Cenangium sp.: on 20 Ont [974] by inoculation.

C. *acuum* (C:201): twig blight, brûlure des rameaux: on 2 Ont [1827]; on 9 BC [1012]; on 20, 21 NB [1032]; on 20 Ont [974, 1340], Que [1377].

C. *atropurpureum* (C:201): twig blight, brûlure des rameaux: on 2 Ont [1340, 1828, F67]; on 18, 21 Ont [F62].

C. *ferruginosum (C. abietis)* (C:201): twig blight, brûlure des rameaux: on 2, 4a, 18, 20, 21 Que [1690]; on 2, 12, 18 Ont [F68]; on 2, 18, 20, 21 Ont [1340], Que [F68]; on 2, 18, 21 Ont [F71]; on 2, 20, 21 Ont [F69]; on 4, 9, 16 BC [1012]; on 18, 20 Ont [1828]; on 18, 21 Ont [F72, F74, F76]; on 18 Ont [1827, F75]; on 21 Ont [F73, F75].

C. *pithyum*: on 9 BC [F65]. Perhaps a misdetermined specimen of C. *ferruginosum*.

Cenococcum graniforme: on 2, 18, 20 Ont [1964].

Cephaloascus fragrans: on 20 Ont [108].

Cephalosporium sp.: on 2, 18, 20 Ont [1964]; on 2 Ont [88]; on 4 NWT-Alta [1063], Alta [182]; on 18 Que [1748].

C. *terrestre*: on 24 BC [1723]. See note under *Picea*.

Ceraceomyces serpens (Merulius s.) (C:203): on 3 Alta [568]; on 16 BC [568, 1012, 1341]. See *Abies*.

C. *tessulatus (Corticium t.)*: on 2 NWT-Alta [1063], Alta [53]. See *Abies*.

Ceratobasidium fibulatum: on 2 Ont [1835]. The host and locality are uncertain and the name is not validly published [578]. The record should be disregarded.

Ceratocystis sp.: on 4 NWT-Alta [1063]; on 4a BC [1481].

C. *aequivaginata*: on 2, 18 Man [1190].

C. *alba*: on 2 Man [1190].

C. *allantospora*: on 2 Man [1190]; on 18, 20 Ont [647, 1340].

C. *angusticollis*: on 2, 18 Man [1190]; on 18, 20 Ont [647]; on 18 Ont [1340].

C. *columnaris*: on 2 Man [1190].

C. *coronata*: on 2 Man and on 2, 18, 20 Ont [1190].

C. *crenulata*: on 2 Man [1190].

C. *deltoideospora*: on 2, 18 Man and on 18, 20 Ont [1190].

C. *dolominuta*: on 2 Man, Ont [1190]; on 18 Ont [647, 1340].

C. *europhioides* (C:201): on 2 Man and on 2, 18 Ont [1190]; on 18, 20 Ont [1340]; on 18, 20, 21 Ont [647, 1983].

C. *falcata* (C:201): on 20 Ont [1340, 1983].

C. *huntii* (C:201): on 2 Man [1190]; on 4 NWT-Alta [1063], BC [1340]; on 4a BC [647, 1484]; on 18 Ont [647, 1340].

C. *ips*: on 2 Man [1190]; on 2, 18, 20 Ont [647, 1190, 1340]; on 21 Ont [647].

C. *leucocarpa*: on 2 Man [1190].

C. *longispora*: on 2 Man [1190].

C. *major*: on 18 Que [F71].

C. *minima*: on 2, 18 Man and on 2, 20, 21 Ont [1190].

C. *minor*: on 2, 18, Man [1190]; on 2, 20, 21 Ont [647, 1340]; on 2 Que [F68]; on 4 NWT-Alta [1063], Alta [951]; on 4a BC [1481]; on 18 Ont [647].

C. *minuta*: on 2 Man [1190]; on 2, 18, 20 Ont [647, 1340]; on 4a BC [1481]; on 21 Ont [647].

C. *montia*: on 4a BC [1450, 1481], Alta [1482].

C. *nigra*: on 18, 20, 21 Ont [647, 1340].

C. *olivacea*: on 21 Ont [647, 1190, 1340].

C. *perfecta*: on 2 Man [1190].

C. *piceae*: on 2 Man [1190].

C. *pilifera*: on 2 Man [1190]; on 2, 18, 20 Ont [647, 1340]; on 18 Que [F70].

C. *sagmatospora*: on 2 Man [1190], Ont [647]; on 2, 20 Ont [1340]; on 18, 20 Ont [647, 1190, 1983].

C. *spinifera*: on 2 Man [1190].

C. *stenoceras*: on 20, 24 Ont [647, 1340].

C. *tenella*: on 2 Man [1190]; on 2, 18, 20 Ont [647, 1340].

C. *truncicola*: on 18, 20 Ont [647, 1340].

C. *tubicollis*: on 2 Man and on 18 Ont [1190].

Ceriosporopsis halima: on wood of 9 in water BC [782].

Ceriporia purpurea (Poria p.) (C:204): on 4 NWT-Alta [1063]. See *Alnus*.

C. *reticulata (Poria r.)*: on 4 NWT-Alta [1063]. See *Acer*.

C. *rhodella (Poria r.)*: on 20 Ont [1341]. Probably associated with a white rot.

Ceuthospora sp.: on 4 NWT-Alta [1063].

Chaetoderma luna (Peniophora l.) (C:203): on 4 NWT-Alta [1063]; on 9 BC [1012]. See *Abies*.

Chaetophiophoma sp.: on 4 NWT-Alta [1063].

Chalara cylindrica: on 2 Man [1760].

Cheiromycella microscopica: on 2 Man [1760].

Cirrenalia macrocephala: on wood of 9 in water BC [782].

Cladosporium sp.: on 18 Ont [1828].

C. *herbarum* (C:201): on 2 Ont [88]; on 4 BC [1012], Alta [182, 952].

C. *macrocarpum*: on 2 Man [1760].

C. *variabile*: on 2 Ont [1828, F70].

Coccomyces strobi (C:201): on 18 Ont [F70]; on 20 Ont, Que [F67], NB, NS [1032] also Ont [1340], Que [1685, F61], NB [F62], Ont, NB [1609] and Ont, NB, NS [1441].

Coleosporium sp.: on 2 Ont [F62]; on 18 NB [1032]; on 21 NS [1032], Nfld [1660]; on 24 NB, NS [F75].

C. *asterum (C. solidaginis)* (C:201): needle rust, rouille des aiguilles: on 2 Mack [53], Sask, Man [F67, F68, F69], Man [F62, F63, F64, F74], Man, Ont [F73], Ont [F75], Ont, NS [F71], Ont, Nfld [F72], Que [1206], NB, NS [1032, F64, F65], NS [F68]; on 2, 4 Alta [53, F64, F65]; on 2, 4, 21 NWT-Alta [1063], Alta [F62]; on 2, 18 Ont [1236, F60, F62, F63, F65, F70], Ont, Que [F61, F66, F67, F74], Que [1377, F68, F69, F71, F73, F75]; on 2, 18, 24 Ont [1341]; on 2, 18, 20, 21 Nfld [1660]; on 4 BC [953, 954, 2007, F64], BC, Alta [F66], Alta [950, 952, F61, F63, F67]; on 4a BC [1012], BC, Alta [F72], Alta [F73], Ont [1828], NB [1032]; on 12 NB [F71], PEI [F76]; on 18 Ont [338, F73], Ont, Que [F72, F76], Que [1341, F70], Que, PEI [F64], NB, NS [F61, F64, F71, F72], NB, NS, PEI [1032], NB [F65], NS, PEI [F74], Nfld [1661, F63]; on 18, 20, 21 Nfld [F73]; on 21 NS [1032, F65], NB, NS [F63]; on 24 Mack [2008], BC, Alta, Sask, Man [2008, F70], Alta [951, 952], Man [839], Ont [F64], Ont, NB, NS [F68, F69], Que [338].

C. *pinicola* (C:201): needle rust, rouille des aiguilles: on 2 Ont, Que [1341], Ont [1445, F63, F64, F65, F66], NB [F73].

C. *viburni*: on 2 Que [1206, F66, F67], NB, NS [F74].

Colletotrichum gloeosporioides (holomorph *Glomerella cingulata*): on 2 Alta, Sask and on 4a BC, Alta [1155].

Columnocystis abietinum (Stereum a.): on 4 NWT-Alta [1063]. See *Abies*.

Comatricha nigra: slime mold: on 4 NWT-Alta [1063]. Presumably on well-rotted wood.

Confertobasidium olivaceo-album (Athelia fuscostrata, Corticium f.) (C:201): on 2 Ont [88]; on 2, 20 Ont [1341]; on 4 NWT-Alta [1063]. Lignicolous.

Coniochaeta ligniaria (Rosellinia l.): on 4 NWT-Alta [1063].

C. *malacotricha*: on 20 Ont [1340].

Coniophora sp.: on 20 Ont [1341], NB [1032].

C. *arida (C. betulae)* (C:201): on 4 NWT-Alta [1063]; on 16 BC [1012]; on 20 Ont [1828]. See *Acer*.

C. *arida* var. *suffocata (C. suffocata)* (C:201): on 4 NWT-Alta [1063]. See *Abies*.

C. *olivacea*: on 24 Ont [1341]. See *Alnus*.

C. *puteana (C. kalmiae)* (C:201): brown cubical rot, carie brune cubique: on 2 Ont [88]; on 4 NWT-Alta [1063]; on 4, 16 BC [1012]; on 4a Alta [999, 1000, 1002, 1485]; on 18 Ont [1341]; on 20 Ont [1963], NB [1032, F62]. See *Abies*.

Coniothecium sp.: on 16 BC [1012].

Coniothyrium sp.: on 4 NWT-Alta [1063].

Connersia rilstonii (Pseudoeurotium r.): on wood of 9 in water BC [782].

Conoplea elegantula: on 18 Man [1760].

C. geniculata (C:201): on 4 Alta [784].

Coriolus pubescens (Polyporus p.): on 3 NWT-Alta [1063]. See *Abies*.

Corticium sp.: on 4 NWT-Alta [1063]; on 20 NB [1032].

C. centrifugum (C:201): on 2, 4, 24 NWT-Alta [1063]; on 4 BC [953], Alta [950, 951]. See *Abies*.

Coryne sp.: on 4a Alta [1485]; on 20 Ont [1063].

Costantinella micheneri: on 4 NWT-Alta [1063].

Cristinia helvetica (Grandinia h.): on 4 NWT-Alta [1063]. Associated with a white rot.

Cronartium sp. *(Peridermium* sp.*)* (C:202): rust, rouille: on 2 Mack [53], Ont [1828, F61], Que [F63]; on 2, 16, 21 Ont [1341, F64]; on 2, 21 Ont [F62, F63, F67]; on 4, 16, 21 Ont [1236]; on 7 BC [1012]; on 21 Que [1341]; on 24 BC [F67].

C. coleosporioides (C. stalactiforme nom. nud.*)* (aecial stage *Peridermium stalactiforme*) (C:201): rust, rouille: 0 I on 2 Alta, Sask, Man, Ont, Que [735], Ont [1828, F69, F76], Ont, Que [F75], Que [1205, F65, F67], NS [F64], Nfld [1660, F74]; on 2, 4 NB, NS [1554, F66]; on 2, 4, 21, 24 NWT-Alta [1063]; on 2, 4a, 21 NB, NS [1032]; on 2, 10 Que [1377]; on 2, 21 Ont [1341], Que [339, F66]; on 4 Mack, BC, Alta, Man [735], Mack, Alta [53], BC, Alta [2006]; on 4, 16 BC [1341]; on 4, 21 BC [337], Ont [1236]; on 4a BC [F75, F76], BC, Alta [F73], Alta [1400, F72]; on 5 NB [F66], NS [735, F66]; on 10 Que [735]; on 16, 21 BC [735]; on 21 Man [735]; on 23, 24 Alta [F69]; on 24 Yukon, Mack [F69], BC [F72], Alta, Sask [F70], Alta [339], Alta, Ont [F71], Ont [F74].

C. coleosporioides f. *album*: rust, rouille: on 4 Alta [2006]; on 4a BC, Alta [1406].

C. coleosporioides f. *coleosporioides*: rust, rouille: on 4 BC [1012]; on 24 Mack, BC, Alta, Sask, Man [2008].

C. coleosporioides "var. *stalactiforme*": rust, rouille: on 2 Que [946]. Apparently referring to the aecial state, *Peridermium stalactiforme*. The combination with *C. coleosporioides* does not appear to have been published.

C. comandrae (C:202): gall rust, rouille-tumeur: 0 I on 2 Yukon, Mack [F72], Mack, Alta [53], Mack, Ont, Que, NB [735], Sask, Man, Ont [F64], Sask, Man, Que [F63], Sask, Que [F66], Man, Ont [F67], Ont [1236, 1341, F69, F76], Ont, Que [F75], Que [1377, F65, F68]; on 2, 4 Yukon, Alta, Sask [F70]; on 2, 4, 21 NWT-Alta [1063], Alta, Sask [735]; on 2, 21 Sask [F67], Man [735]; on 2, 24 Ont [F70]; on 4 Yukon [460, 735, F68], BC [1341, F68], Alta [F66]; on 4, 16 BC [1012, 735]; on 4, 24 Alta [F65]; on 4a BC [F76]; on 10 Alta [735, F72]; on 21 Alta [F64]; on 24 Yukon [F69], Yukon, Alta, Sask, Man [2008, F71], NWT-Alta [1063], Mack [F65], Mack, BC [2008], Alta [F68], Ont, Que [F71].

C. comptoniae (C:202): rust, rouille: 0 I on 2 NWT [732, 1407], Mack, Alta [F72], Sask, Man [735], Sask, Ont [F73], Ont [650, 651, 652, 1236, 1827, 1828, F64, F65, F66, F69], Ont, Que [F63, F67, F68, F70, F75, F76], Que [1377, F61, F71, F74], NB [F68, F74], NS [F75]; on 2, 4 NWT-Alta [1063], Mack, Alta [53, 735, F66], Alta [732]; on 2, 4, 5 NS [F68]; on 2, 4, 5, 21 NS [735]; on 2, 4, 10, 21 Que, NB [735]; on 2, 4a Ont [F72], NB, NS [1856]; on 2, 10 NB [1032]; on 2, 12, 18, 21 Ont [735]; on 2, 18, 21 Ont [1341]; on 4 BC [1341], Que [F62], NS [1032]; on 4, 7, 11, 15, 16, 17 BC [735]; on 4, 11, 16, 17 BC [1012]; on 4a BC [1122, F75], Que [1210], NS [F71, F76]; on 5 NS [1856]; on 10 Que, NB [1410]; on 11, 15, 17 BC [F61, F62]; on 11, 16, 17 BC [2006]; on 11, 17 BC [1122, F63]; on 23 Mack [53]; on 24 Mack, BC, Alta, Sask, Man [2008], Mack, Sask, Ont [F70], Mack [F69], BC [F64], Ont [F71, F74].

C. quercuum (C:202): gall rust, rouille-tumeur: 0 I on 2 Ont [337], Ont, Que [1377], NB [F61, F64]; on 2, 10 NB [F65]; on 2, 18, 21 Ont [1236]; on 2, 21 Ont [735, F68], NB, NS [1032]; on 4, 4a, 5, 10 NB [1032]; on 5 NS [F64]; on 21 Ont [339], Que [1377], NS [334]; on 24 Ont [F74], NB, NS [F66].

C. ribicola (C:202): white pine blister rust, rouille vésiculeuse du pin blanc: 0 I on 1 BC [953], Alta [734, 839, 951, F68, F70, F72, F73, F75]; on 1, 3, 6, 8, 9, 20 BC [735]; on 1, 6 NWT-Alta [1063], Alta [735, 950, F63]; on 1, 8, 9, 20 BC [1012]; on 3, 20 Man [735, F64]; on 6 BC [954], Alta [F60, F61, F62]; on 8 BC [F61]; on 8, 20 Ont [735]; on 9 BC [734, 1341, F76], Man [F73]; on 20 Sask [735], Man [333, F62, F63], Ont [186, 1299, 1341, 1839, F62, F72, F75], Ont, Que, NB, NS, Nfld [F63, F65, F66, F67], Ont, Que, Nfld [F68, F69, F70], Ont, NB, NS, Nfld [F76], Que [337, 944, 1210, 1377, 1386, 1387, 1388, 1685, F64, F71, F72, F73], Que, NB, NS, Nfld [735, F74], NB [336], NB, NS [1032, F75], NS, PEI [334], PEI [735], Nfld [1659, 1660, 1661, F64, F73]; on 24 BC [F72, F73], BC, Alta, Man [2008], Ont [338, F71, F74], Que [F75, F76].

Crumenulopsis sp.: on 4 BC [1012].

C. sororia (Crumenula s.): on 4 BC [1340].

Cryptoporus volvatus (Polyporus v.) (C:204): on 2 Que [F71]; on 2, 4 NWT-Alta [1063]; on 2, 18, 20 Ont [1341]; on 4 Alta [951]; on 4, 16 BC

[180, 1012]; on 18 Ont [1827, 1828]. See *Abies*.

Cucurbidothis pithyophila (Cucurbitaria p.) (C:202): stem girdle, chancre cucurbidothien: on 6 Alta [F68]; on 9 BC [F67]; on 20 Ont [1340, F67], NS [1032], Nfld [1659, 1660, 1661].

C. pithyophila var. *cembrae*: on 8 BC [1012].

C. pithyophila var. *pithyophila*: on 8 BC [1012].

Cyclaneusma niveum (Naemacyclus n.) (C:203): on 2 NB [F73]; on 2, 21 Que [1377]; on 4, 10, 15, 16, 21 BC [1012]; on 6 NWT-Alta [1063], Alta [952, F65]; on 21 BC [F68], Man [F66], Ont [1340, 1828], Que [F67, F69].

Cylindrobasidium evolvens (Corticium laeve) (C:201): on 4 NWT-Alta [1063]. See *Abies*.

Cylindrocarpon sp.: on 18 NB [F72], NS [1885, F68]; on 20 [1032].

Cyptotrama asprata: on 20 Ont, Que [1436]. See *Acer*.

Cytospora sp. (C:202): on 2 Que [946]; on 4 NWT-Alta [1063], Que [F67]; on 20 NB, NS [1032].

C. kunzei (holomorph *Leucostoma k.*): on 20 Ont [F70], Que [337].

C. pini (C:202): on 20 Ont [1827, 1828, F70, F71], NS [F61].

Cytosporella sp.: on 18 Ont [1828].

Dacrymyces sp.: on 18 Ont [1341].

D. capitatus (D. stipitatus) (C:202): on 4 NWT-Alta [1063], Alta [952]. See *Alnus*.

D. punctiformis: on 4 NWT-Alta [1063]; on 20 Ont [1828]. Lignicolous.

D. stillatus (D. abietinus, D. deliquescens, D. d. var. *deliquescens)*: on 2 Mack [53]; on 2, 4 NWT-Alta [1063]; on 2, 18, 20, 21, 24 Ont [1341]; on 20 NS [1032]. See *Abies*.

Dacryobolus karstenii: on 9 BC [1012]. Associated with a brown rot.

Dacryonaema rufum: on ?24 BC [192]. Lignicolous.

Dactylium sp.: on 4 NWT-Alta [1063].

Dasyscyphus acuum: on 2 Ont [F73]; on 20 Ont [1340].

D. pulverulentus: on 4 NWT-Alta [1063].

Davisomycella ampla (Hypodermella a.) (C:203): needle cast, rouge: on 2 Sask, Man, Ont, Que [F65, F66, F68], Man, Ont [F67, F69], Ont [1063, 1340, 1827, F61, F63, F64, F71, F72, F73, F74, F76], Que [1377, F60, F61, F67, F75, F76]; NB [F62, F63, F66, F69, F70], NB, NS [1032, F64, F65, F73, F74]; on 4 Yukon [460], BC [1012, 2009], Alta [950, 951], Sask [F66], Que [F67]; on 4a Alta, Sask [F74]; on 23 Alta [F70]; on 24 Alta [F69].

D. fragilis: on 2 Ont [364].

D. medusa (Hypodermella m.) (C:203): on 2 Ont [1340, F60, F62]; on 16 BC [1012].

D. montana (Hypodermella m.) (C:203): on 2 Mack [53]; on 2, 4, 24 NWT-Alta [1063]; on 4 BC [1012], Alta [F60, F65, F66], Sask [F66]; on 4, 23 Alta [F61].

Dendrothele griseo-cana (Aleurocorticium g.): on 20 Ont [965]. Lignicolous.

Dendryphiopsis atra (holomorph *Microthelia incrustans*): on 2 Man [1760].

Dermea balsamea: on 9 BC [1012].

D. pinicola (C:202): on 20 Que [1685, 1690, F65], NB [1032], NS [F64].

Dichomitus squalens (Polyporus anceps) (C:204): on 2 Mack [53, 1110]; on 2, 4 NWT-Alta [1063]; on 2, 20, 21 Ont [1341]; on 4, 16 BC [1012]; on 18, 24 NS [1032]; on 19 Que [F65]. See *Abies*.

Didymium iridis: on 4 NWT-Alta [1063].

D. melanospermum: on 4 NWT-Alta [1063].

Didymosphaeria sp.: on 16 BC [1012].

Discina ancilis (D. perlata): on 4, 16 BC [1012, F68].

Discosia strobilina (D. pini): on 2 Ont [358].

Ditiola radicata (C:202): on 4 NWT-Alta [1063]; on 24 NS [1032]. Lignicolous.

Dothiorella sp.: on 20 NS [1032].

Dothistroma sp.: on 21 Que [F69].

D. septospora var. *septospora (D. pini)* (holomorph *Scirrhia pini*): on 4 Alta [F67]; on 4, 11, 12, 15, 16, 17, 23 BC [1232, F64]; on 9 BC [1232]; on 11, 17 BC [F65]; on 12 Ont [F73], Nfld [338, F65]; on 12, 18 Nfld [1661]; on 15, 17 BC [1063]; on 21 Alta [338]; on 24 BC [338, 523, F66].

D. septospora var. *lineare (D. pini* var. *l.)* (holomorph *Scirrhia pini*): on 4 Sask [F66]; on needles of 24 BC [1763].

Elytroderma deformans (C:202): needle cast, rouge: on 2 Alta [53, F63], Sask [F67], Man [F65], Ont [1340, 1377, 1827, 1828, F62, F68], NB [1032, F65]; on 2, 4 Yukon, Alta [F68]; on 2, 4, 24 NWT-Alta [1063], Alta [F70]; on 4 Yukon [460], BC [953], Alta [644, 839, 950, 951, 952, F64, F65, F67], Alta, Sask [F66]; on 4, 16 BC [F65, F68, F70]; on 4, 23 Alta [F60, F69]; on 4a Alta [F72]; on 4a, 16 BC [1012, F71]; on 16 BC [F60, F61, F62, F63, F64, F66, F67, F69, F74, F75]; on 16, 24 BC [F73]; on 24 Alta [F71].

Endocronartium sp.: on 21 Ont [1828].

E. harknessii (Peridermium h.) (C:201): gall rust, rouille-tumeur: on 2 Mack, Alta [F60], Mack, Alta, Man, Ont [F72], Alta [F67], Alta, Sask, Man, Que [F73], Sask [1997, F65], Sask, Man [F63, F64, F67], Man [224, F62], Ont [F69, F75, F76], Que [733, 946, F65, F70, F71, F76], NB [733, 1863, F70], NB, NS [F69]; on 2, 4 Yukon, Alta, Man [F70], Mack, Alta [53], Mack, Sask [735], Alta [739, 1830], Que [F68]; on 2, 4, 10, 21, Que [F67]; on 2, 4, 18, 21 Alta, NB [735];

on 2, 4, 21 Que, NS [F68], NB, NS [F68]; on 2, 10 NB [F74]; on 2, 21 Man, Ont [735, F68], Ont [1828, F70], Que [F60, F66, F72, F74, F75], NB, NS [F67]; on 2, 4a Alta [1514, 1834]; on 2, 4a, 21 Que [1210]; on 4 Yukon [460, 735], BC [954, F69], Alta [950, 951, 952, F63]; on 4, 11, 12, 15, 16, 17 BC [735, 1012]; on 4, 16 BC [F66]; on 4, 16, 21 BC [2006]; on 4, 21 Alta [F64]; on 4, 24 BC [F68]; on 4a Mack, BC, Alta [F72], BC [738, 1409, F73, F74, F75, F76], Alta [733, 1400, 1402, 1408]; on 10 BC, NB [1410]; on 10, 21, 23 BC [1012]; on 12 BC [F62]; on 15, 16, 21 BC [F61]; on 18 BC [735]; on 21 Man [F61, F69, F74], NB [F71], NS [F73, F75]; on 23 Mack [53], Alta [F60, F69]; on 24 Yukon, NWT, BC, Alta, Sask, Man, Ont, Que, NB, NS [2008], Yukon, Mack, Alta [F69], Alta [57, F65, F68], Ont [F71, F74].

Endophragmia nannfeldtii: on 2 Man [1760].

Enerthenema papillatum: on 4 NWT-Alta [1063].

Epicoccum sp.: on 18 Ont [1827].

E. purpurascens: on 4a Alta [746].

Erinellina rhaphidospora (C:202): on 9 BC [1012].

Europhium sp.: on 4a BC [1450, 1481].

E. aureum: on 4 BC [1483].

E. clavigerum: on 4, 16 BC [1483]; on 4a BC [1449, 1632], Alta [1633].

E. trinacriforme (C:202): on 9 BC [1012, 1483].

Exidia saccharina (C:202): on 4 NWT-Alta [1063]. Lignicolous.

Fibricium rude (Peniophora greschikii): on 2 NWT-Alta [1063]. See *Abies*.

Fomitopsis cajanderi (Fomes c., F. subroseus) (C:202): on 2 Mack [1110], Mack, Alta [53], Ont [88], on 2, 4 NWT-Alta [1063]; on 2, 24 Ont [1341]; on 4 BC [1012]; on 4a Alta [953, 1485]; on 20, 24 NB [1032]; on 21 Alta [F66]. See *Abies*.

F. officinalis (Fomes o.) (C:202): on 16 BC [1012]. See *Abies*.

F. pinicola (Fomes p.) (C:202): on 2 Mack [53]; on 2, 4 NWT-Alta [1063]; on 2, 18, 20 Ont [1341]; on 4, 9, 16 BC [1012]; on 4a Alta [1485]; on 20 NB [1032]; on 21 Que [F72]; on 24 Que [1377], NB, NS, PEI [1032]. See *Abies*.

F. rosea (Fomes r.): on 2, 18, 20 Ont [1341]; on 4 NWT-Alta [1063]. See *Abies*.

Foveostroma abietinum (Gelatinosporium a.) (holomorph *Dermea balsamae*): on 20 Ont [1828].

Fumago sp.: on 2 Ont [91]; on 4 NWT-Alta [1063]; on 20 Ont [1828].

Fusarium sp. (C:202): on 4 BC [1012]; on 4a Alta [746]; on 12 NB [F64]; on 18 Que [1748], NB [F72], NS [F68]; on 20 NB, NS [1032]; on 21 Sask [1848].

F. acuminatum: on 18 Ont [1340].

F. decemcellulare: on 18, 20 Ont [1828]; on 18 Ont [F70]. This is a tropical species which, previously, was recorded only as far north as Oklahoma.

F. oxysporum (C:202): on 4a Alta [746]; on 18 NB, NS [1885]; on 21 NS [1885].

F. solani (holomorph *Nectria haematococca*): on 18 Ont [1827].

Fusicoccum sp.: on 18 Ont [1827].

F. baccillare: on 4 Sask [F66].

Fusidium sp.: on 2 Ont [91].

Ganoderma applanatum (C:202): on 21 BC [1012, F60]. See *Abies*.

G. lucidum: on 20 NS [1032]. See *Abies*.

Gelatinosporium sp.: on 20 Ont [1340], Que [1685, 1690], NS [1032].

G. pinicola (Cryptosporium p., Micropera p.): on 6 Que [F67]; on 9 BC [1012].

Geotrichum candidum: on 4 NWT-Alta [1063].

Gliocladium sp.: on 18 Ont [1827].

G. viride: on 2 Ont [830].

Gloeocoryneum cinereum (Coryneum c., Leptomelanconium c.): on 2 Sask, Man [F65]; on 4 NWT-Alta [1063], BC [839, 953], Alta [952, 1128, F64, F65, F66]; on 4, 16 BC [1012, 1128]; on 4a, 16 BC [F72].

Gloeocystidiellum furfuraceum (Corticium f.) (C:201): on 4 BC [968]; on 9 BC [1012]; on 24 Ont [1341]. Lignicolous.

Gloeophyllum odoratum (Trametes o.) (C:205): brown cubical rot, carie brune cubique: on 2, 4 NWT-Alta [1063]; on 4 BC [1012]; on 18, 20, 24 Ont [1341]; on 24 Alta [1341].

G. protractum (Trametes p.): on 2 Alta [53]. Perhaps a specimen of *G. odoratum*.

G. sepiarium (Lenzites s.) (C:203): on 2 Mack [1110], Alta [53], NB [1032]; on 2, 4 NWT-Alta [1063]; on 2, 20, 24 Ont [1341]; on 4, 9, 16 BC [1012]; on 4a Alta [999, 1000, 1485]; on 20 Ont [1963]; on 20, 24 NS [1032]. See *Abies*.

Gloeoporus dichrous (Polyporus d.) (C:204): on 2 Ont [1341]; on 4, 16 BC [1012]; on 24 NS [1032]. See *Acer*.

Glomerella cingulata (anamorph *Colletotrichum gloeosporioides*): on 4a BC [F71].

Gorgoniceps ontariensis (C:202): on 18 Ont [1340].

Grandinia sp.: on 2 NWT-Alta [1063].

Graphium sp.: on 18 Ont [1340].

Gremmeniella abietina (Scleroderris lagerbergii) (anamorph *Brunchorstia pinea*): on 1, 4, 16 BC [1012]; on 1, 16 BC [731, F75]; on 2 Que [942, F71], NB [414, F74, F75]; on 2, 4, 18 Que [414]; on 2, 4, 18, 20, 21 Que [F68]; on 2, 4a, 18, 20, 21 Ont [1828], Que [1682]; on 2, 12, 18 Ont [414, F72], NB [1063]; on 2, 18 Ont [1827, F65, F68, F69, F70, F71, F73, F76], Que [1218, 1594, F67, F74], NB [F72, F73]; on 2, 18, 20, 21 Ont [1418, F66]; on 2, 18, 21 Ont [1340, F74], Que [943, F69, F70, F72, F76]; on 4 Alta [412]; on 4a BC [F76], Alta [731, F74]; on 12 Ont [1828], Nfld [1738]; on 18 Ont [409, 410, 411, 413, 415, 1417, 1660, 1676], Que [916, 1384, F75], NS [F72]; on 18, 20, 21 NS [F73]; on 18, 21 Ont [F67], NB

[F76], NS [F74]; on 20 Ont [414, 415, 1340], Que [F73], NB [1033]; on 21 Ont [F72], NB, Que [F71], NB [1033, 1035]; on 24 Ont [1594], Que [F75]. The European race was first discovered in Canada in Que in 1978. Subsequent surveys detected it in other pine plantations in Que, in two forest nurseries in NB and on ornamental pines in Nfld.

Griseoporia carbonaria (Trametes c.): on 2 Man [579]. On charred wood, associated with a brown rot.

Guepiniopsis buccina (G. torta): on 4 NWT-Alta [1063]. Lignicolous.

G. minuta: on 4 BC [1012].

Gyromitra esculenta: on 4 NWT-Alta [1063]. Presumably on rotted wood.

Gyrostroma sp.: on 4 NWT-Alta [1063].

Haematostereum sanguinolentum (Stereum s.) (C:205): on 2 Ont [88], NB, NS [F62]; on 2, 4 NWT-Alta [1063], Alta [53]; on 2, 18 PEI [F62]; on 2, 20 NB [1032]; on 4, 9, 16 BC [1012]; on 4a Alta [999, 1000, 1485]; on 9 BC [1341]; on 18, 20 PEI [1032]; on 18, 20, 24 Ont [1341]; on 20 Ont [1963], Que [1377]. See *Abies*.

Halonectria milfordensis: on wood of 9 in water BC [782].

Hansenula capsulata: on 4a BC [1481], Alta [1482]. Probably from frass in insect galleries in wood.

H. holstii: on 4a BC [1012, 1481], Alta [1482]. Probably from frass in insect galleries in wood.

Hapalopilus nidulans (Polyporus n.): on 4a NB [1032]. See *Abies*.

H. salmonicola (Poria s.): on 2 Mack [1110]; on 20 Ont [1341]. Associated with a brown rot.

Hemiphacidium longisporum: on 4 BC [1012, 2009].

H. planum: on 1, 9 BC [1012].

Hendersonia sp.: on 2 Ont [1340]; on 4 NWT-Alta [1063]; on 9 BC [1012]. See comment under *Abies*.

H. acuum: on 4 NWT-Alta [1063]. See comment under *Abies*.

H. pinicola (C:202): on 2 Man [F67], Man, Ont [F66], Que [1063], NB, NS [F75]; on 4 Yukon [460], Yukon, BC [F68], Yukon, Alta [F64], NWT-Alta [1063], BC [953, 1012, 2009], Alta [951, 952, F67]; on 4a BC [F73]; on 10 NB [F74]; on 24 Alta [F73]. See comment under *Abies*.

Herpotrichia coulteri (Neopeckia c.) (C:203): on 1 Alta [F61]; on 1, 4 BC [1012]; on 1, 6 NWT-Alta [1063]; on 4 BC [F69], Alta [F66]. Brown felt blight develops on foliage under snow at high elevations.

H. juniperi: on 4 BC [1012]. See above.

heterobasidion annosum (Fomes a.) (C:202): fomes root rot, maladie du rond: on 2 Ont [F72]; on 4 BC [1916]; on 2, 18 Ont [338, 1341, F65, F66, F67, F69]; on 18 Ont [1462, 1828, F63, F64, F73]; on 18, 20, 21 Ont [F68]; on 20 Ont [1341, F69]; on 21 Ont [F67, F69]; on 24 Ont [649]. See *Abies*.

Heteroconium chaetospira (Septonema c.) (C:204): on 4 NWT-Alta [1063], Alta [182].

Heyderia abietis: on fallen needles of 24 Que [1385].

Hohenbuchelia mastrucata (Pleurotus m.): on 4 NWT-Alta [1063].

Hormodendrum sp.: on 4 Alta [1032].

Hormonema dematioides: on 4 NWT-Alta [1063].

Humicola alopallonella: on wood of 9 in water BC [782].

Hyaloscypha stevensonii: on 20 Ont [1340].

Hyphoderma argillaceum (Peniophora a.): on 20 Ont [1341, 1660]. See *Betula*.

H. setigerum (Peniophora aspera) (C:203): on 4 NWT-Alta [1063]; on 20 NB [1032]. See *Abies*.

H. ?tsugae (Corticium t.): on 2 NWT-Alta [1063]. Lignicolous.

Hyphodontia arguta: on 4 NWT-Alta [1063]. See *Abies*.

H. aspera: on 18 Ont [1341]. Associated with a white rot.

H. barba-jovis: on 2 Ont [1341]. See *Abies*.

H. breviseta: on 20 NB [1032]. See *Abies*.

H. crustosa (Odontia c.): on 2 NWT-Alta [1063]. See *Abies*.

H. hastata (Peniophora h.) (C:203): on 4 NWT-Alta [1063]; on 16 BC [1012, 1341]. Lignicolous.

H. pallidula (Peniophora p.) (C:203): on 20 NB [1032, F62]. See *Abies*.

H. spathulata (Odontia s.): on 20 Ont [1341, 1660], NB [1032]. See *Abies*.

H. subalutacea (Peniophora s.): on 4 NWT-Alta [1063]. See *Abies*.

Hypochnopsis mustialaensis (Coniophora m.): on 20 Ont [1341]. Typically on rotted wood.

Hypocrea gelatinosa: on 2 Ont [830].

H. rufa: on 4 NWT-Alta [1063].

Hypodermella sp.: on 4 NWT-Alta [1063].

Irpex lacteus (Polyporus tulipiferae): on 4 NWT-Alta [1063]. See *Acer*.

Ischnoderma resinosum (Polyporus r.) (C:204): on 9 BC [1012]. See *Abies*.

Junghuhnia collabens (Poria rixosa): on 2 Ont [1341]; on 4 NWT-Alta [1063], BC [1012]. See *Abies*.

J. luteoalba (Poria l.): on 2, 4 Alta [579, 1004]; on 18 Ont [1004]. See *Abies*.

Kabatiella sp.: on 4 NWT-Alta [1063].

Kuehneromyces vernalis: on 20 NB, NS [1032]. See comment under *Betula*.

Lachnellula agassizii (Dasyscyphus a.) (C:202): on 1, 4, 9, 17 BC [1012]; on 2 Ont [1340, 1828]; on 4 NWT-Alta [1063], Alta [952]; on 20 Que [1685, 1690], NB, NS, PEI [1032]; on bark and dead wood of 24 Que [1385].

L. arida: on 1, 4 BC [1012]; on 2 Que [1690]; on 4 NWT-Alta [1063], Alta [952].

L. calyciformis (Dasyscyphus c.): on 2 Ont [1340]; on 21 Que [F66].

L. chrysophthalma (C:203): on 2 Ont [F63]; on 2, 21 Ont [1340]; on 4 NWT-Alta [1063].

L. flavovirens: on 1, 4 BC [1012, F68].

L. fuscosanguinea (Lachnella f.) (C:203): on 4 BC [1012]; on 6 Alta [950].

L. occidentalis (L. hahniana): on 2 Mack, Alta [53], Que [F68, F70]; on 2, 4 NWT-Alta [1063], Que [1690].

L. pini (Dasyscyphus p.): on 1 BC [F65]; on 1, 6 NWT-Alta [1063]; on 1, 9 BC [1012].

L. suecica: on 2 Que [F70]; on 2, 21 Que [1690]; on 4, 9 BC [1012]; on 21 Ont [F65].

Laeticorticium lundellii (Dendrocorticium l.): on 4 Alta [930]. Lignicolous.

L. minnsiae (Aleurodiscus m.) (C:200): on 4 NWT-Alta [1063]; on 16 BC [930]. Lignicolous.

L. pini (Aleurodiscus p.) (C:200): on 2 NWT-Alta [1063]; on 20 Ont [930, 1341], NB [1032]; on 24 Que [969]. Lignicolous.

Lecanosticta sp.: on 6 Alta [950].

L. acicola (holomorph *Mycosphaerella dearnessii*): on 2, 4a Man [934]; on needles of 24 Man [1763].

Lentinus lepideus (C:203): brown cubical rot, carie brune cubique: on 9 BC [1012]. Now in *Neolentinus*.

Leocarpus fragilis: on 4 NWT-Alta [1063].

Leptographium sp. (C:203): on 4 NWT-Alta [1063], Alta [952]; on 4a BC [1481], Alta [1482]; on 18 Ont [1827, 1828].

L. lundbergii: on 4 NWT-Alta [1063].

Leptostroma strobicola (holomorph *Meloderma desmazerii*): on 20 Ont [1120].

Leptostromella sp.: on 2 Ont [F74].

Leptomelanconium allescheri: on brown needles of 9 BC [1764].

Leucogyrophana mollusca (Merulius m., M. fugax auct.*)* (C:203): on 2 Mack [1110]; on 4 NWT-Alta [1063]; on 9 BC [1341]; on 9, 16 BC [1012]; on 24 BC, Ont [571]. See *Abies*.

L. pinastri: on 20 Que [571]; on 24 Ont [571], Que [581]. See *Abies*.

L. pulverulenta: on old stump of 24 NS [571]. Associated with a brown rot.

L. romellii: on 9 BC [571]. See *Abies*.

Leucostoma sp.: on 6 Que [F67].

L. kunzei (Valsa k.) (anamorph *Cytospora k.*) (C:205): on 2, 20 Que [F72, F73]; on 20 Ont [1340, 1828, F70], Que [1685], NB [F62], NB, NS [1032].

Libertella sp.: on 9 BC [1012].

Linodochium hyalinum: on 2 Sask, Man [1760]; on 4a Sask [1760]; on 9 BC [1012].

Lophium mytilinum (C:203): on 2 Man [F66], Ont [F60]; on 2, 20 Ont [1340]; on 4 NWT-Alta [1063]; on 4, 9 BC [1012].

Lophodermella sp.: on 9 BC [1012].

L. arcuata: on 1 BC [1012, F68], Alta [F72].

L. concolor (Hypodermella c.) (C:203): needle cast, rouge: on 2 Ont [1063, 1377], Que [F65, F66]; on 2, 4 Yukon, Alta [F68]; on 2, 24 Mack [F69]; on 4 Yukon [460], NWT-Alta [1063], Mack, Alta [53, F66], BC [839, 953, 1340, 2009, F68, F69], BC, Alta [F67], Alta [950, 951, 952, F63, F64, F65]; on 4a BC, Alta [F73], BC, NB [F76], Alta [F74], Alta, Sask [F72]; on 4a, 21 BC [1012]; on 23 BC [F70]; on 23, 24 Alta [F69].

L. montivaga (Hypodermella m.) (C:203): needle cast, rouge: on 4 Yukon [460, F68], NWT-Alta [1063], BC [953], Alta [952, F60, F63, F65]; on 4a BC [F76]; on 4a, 23 BC [1012]; on 23, 24 Alta [F70]; on 24 Yukon [F69].

Lophodermium sp.: on 2, 18 NB [1032]; on 1, 16 BC [F63]; on 20 NB, NS [1032]; on 21 Nfld [F70]; on 21, 24 Nfld [1660, 1661].

L. molitoris: on 2 Sask, Ont [1120].

L. nitens (C:203): needle cast, rouge: on 1 Mack, Alta [F67], Alta [952, F74]; on 1, 6 Alta [951]; on 1, 9 BC [1012]; on 2, 20 Ont [1340]; on 6 NWT-Alta [1063]; on 9 BC [922]; on 18, 20 Ont [F75]; on 20 Ont [974, 1063, 1120, 1131], Ont, Que, NB [922], Que [1377], NB, NS [1032], Nfld [1659, 1660, 1661].

L. pinastri (C:203): needle cast, rouge: on 2 Mack, Alta [53, F67], Mack, Sask [F65], Mack, Man [F63], Man [F64, F69], Ont [1132, 1637], NB [922, 1885, F73]; on 2, 4 NWT-Alta [1063], Alta [F62], Sask, Man [F66]; on 2, 4, 7, 9, 10, 11, 12, 15, 16, 17, 18, 21, 24 BC [1012]; on 2, 9, 10, 23 Que [F67]; on 2, 16 Alta [922]; on 2, 18 Ont [F69], Ont, Nfld [F76], Que [F75], NS [F73]; on 2, 18, 20 Ont [1340], NB [1032]; on 2, 18, 20, 21 Ont [F73], Que [1377], NB, NS, PEI [F64], NS [1032], Nfld [1660, 1661]; on 3 Man [F68]; on 4 BC [953], Alta [951, 952, F60, F64, F65, F66], Sask [F68]; on 4a, 18, 20 PEI [1032]; on 9 BC [922]; 12, 18 Ont [1828]; on 17 BC [F70]; on 18 Ont [922, 1827, F70, F72], Ont, Que, NS [F74], Que [F68], NS [1885, F71], PEI [F62], Nfld [F69]; on 18, 21 BC [F64], Que [922, F76]; on 20 Ont [974], Nfld [1659]; on 21 BC [1140, 1416], NS [F63], Nfld [F73, F74, F75]; on 21, 24 BC [F68]; on 24 Yukon, Alta [F69], Nfld [1661].

Lophophacidium hyperboreum: on 20 Que [1692] by inoculation.

Lulworthia medusa: on wood of 9 in water BC [782].

Marasmiellus filopes: on 4 BC [1435]; on 20 Ont [1435].

Marasmius sp.: on 4 NWT-Alta [1063].

Melampsora medusae (M. albertensis) (C:203): rust, rouille: on 2, 4, 16, 17, 24 BC [F62]; on 2, 4a, 8, 16, 17 BC [2002] by inoculation; on 2, 4a, 8, 16, 17, 21 BC [1012]; on 2, 4a, 16, 18, 21 BC [1125] by inoculation; on 4 BC [F69]; on 16 BC [F63]; on 24 BC [F65]. See *M. pinitorqua* below.

M. occidentalis (C:203): rust, rouille: on 4, 16, 24 BC [F62]; on 4a, 8, 9, 16, 17, BC [1012, 2002 by inoculation]; on 4a, 16 BC [1125] by inoculation; on 24 BC [F65].

M. pinitorqua (C:203): rust, rouille: on 10, 16, 21 BC [2001] by inoculation; on

16 BC [F60, F61]. Shown to be misdeterminations [1125]. The correct identification is *M. medusae*.
Melanconium sp.: on 1, 9 BC [1012].
Meliola sp.: on 4 NWT-Alta [1063].
Meloderma desmazierii (Hypoderma d.) (C:202): needle cast, rouge: on 2, 18, 20, 21 Que [1377]; on 9 BC [1012]; on 20 Ont [974, 1063, 1827, F68], Que [F67], NB [F63], NB, NS [1032].
Meruliopsis albostramineus (Ceraceomerulius a.): on 9 BC [568, 1012]. See *Abies*.
M. ambiguus (Merulius a.) (C:203): on 2 Ont, Que [568], Que [F68]; on 2, 4 NWT-Alta [1063]; on 4, 16 BC [568, 1012]; on 24 Alta [568]. See *Alnus*.
M. corium (Merulius c.): on 2 Ont [1341]; on 4 BC [1012]. See *Acer*.
M. taxicola (Poria t.) (C:204): on 2 Alta [53], Que [568]; on 2, 4 NWT-Alta [1063]; on 4 BC [1012]; on 24 Alta [568]. See *Abies*.
Merulius sp.: on 4 NWT-Alta [1063]; on 20 Ont [1341].
Micropera sp.: on 6 Que [F67]; on 20 Ont [1340]. These specimens are probably a species of *Foveostroma*.
Mollisia cinerea: on 4 NWT-Alta [1063].
M. fallax: on 21 Ont [1340].
Monilia sp.: on 20 Ont [1827].
Monocillium sp.: on 2 Ont [91].
M. nordinii (Cephalosporium n.): on 4 NWT-Alta [1063], Alta [183].
Monodictys pelagica: on wood of 9 in water BC [782].
Mortierella ramanniana (Mucor r.): on 2 Ont [91].
Mucronella calva (M. aggregata): on 4 NWT-Alta [1063]. See *Abies*.
Myceliophthora thermophila (Sporotrichum t.): on 24 BC [1723].
Mycena alcaliniformis: on carpet of needles of 20 Ont [1385].
M. psammicola: on needles (?fallen) of 24 Ont [1385].
M. strobilinoides: on needles (?fallen) of 24 Que [1385].
M. subincarnata: on needles (?fallen) of 20 Ont [1385].
Mycosphaerella sp.: on 20 Ont [1828].
M. dearnessii (Scirrhia acicola, Systremma a.) (anamorph *Lecanosticta a.*): on 2, 4 Man [F65, F66]; on 2, 4a Man [338]; on 4 Man [F68].
M. pinicola: on 2 Man [F66]. Presumably referring to *Sphaerella pinicola*. The combination in *Mycosphaerella* apparently has not been published.
M. tassiana: on 4 NWT-Alta [1063].
Mytilidion sp.: on 1 BC [1012]; on 2 NWT-Alta [1063], Mack [53].
M. gemmigenum: on 4 BC [1012], Sask [F66].
Myxosporella sp.: on 4 NWT-Alta [1063].
Naematoloma sp.: on 4 BC [1012]. The specimen is probably referrable to *Hypholoma*.
Nectria sp.: on 4 BC [1012]; on 20 NB, NS [1032].
N. fuckeliana: on 2 Que [1525] by inoculation; on 4a, 18, 20, 21 Que [1685] by inoculation; on 17 BC [F65].
N. neomacrospora (N. fuckeliana var. *macrospora)*: on 9 BC [F71]; on 9, 17 BC [1012]; on 24 BC [176].
N. peziza: on 20 Ont [1340].
N. sanguinea (C:203): on 24 NS [1032].
Neournula nordmanensis: on 9 BC [1224].
Nodulisporium sp.: on 20 Ont [974] by inoculation.
Odontia sp.: on 9 BC [1012]; on 20 Ont [1341].
O. crustula: on 2 NWT-Alta [1063]. Lignicolous.
Odonticium romellii (Odontia r.): on 2 NWT-Alta [1063], Alta [53, 1341]. Apparently associated with a white rot.
Odontotrema hemisphaericum: on 2, 21 Que [1690].
Oidiodendron tenuissimum (C:203): on 4 Alta [82].
Oidium corticale: on 4 NWT-Alta [1063].
Onnia circinata (Polyporus c., P. tomentosus var. *c.)* (C:204): red butt rot, carie rouge alvéolaire du pied: on 4, 9 BC [1012]; on 20 Nfld [1661]; on 24 Que [1377]. See *Abies*.
O. tomentosa (Polyporus t., P. t. var. *tomentosus)* (C:204): red butt rot, carie rouge alvéolaire du pied: on 2 Ont [88, 1964]; on 4, 16 BC [1012]; on 4a Alta [1002, 1485]; on 18 Que [F69]; on 20 Ont [1963]; on 20, 21 Ont [1828]. See *Abies*.
Orbilia botulispora (O. paradoxa): on 20 Ont [1340].
O. pannorum: on 20 Ont [1340]. Doubtful record, specimens should be restudied.
O. picea: on 20 Ont [1340]. Doubtful record, specimens should be restudied.
Ostreola sessilis: on 20 Que [359].
Paecilomyces varioti (C:203): on 2 Ont [830]; on 4 NWT-Alta [1063], Alta [182, 150].
Parmastomyces transmutans (Polyporus subcartilagineus): on 2 Alta [579]. See *Abies*.
Peltosphaeria canadensis: on 12, 15, 21 BC [1012].
Penicillium sp.: on 2 Ont [830]; on 2, 18, 20, 21 Ont [1964, 1966]; on 18 Que [1748].
P. aurantiogriseum (P. cyclopium): on 4a Alta [746].
P. glabrum (P. frequentans) (C:203): on 4 Alta [182].
Peniophora sp.: on 2 Ont [830]; on 4 Alta [952]; on 4, 24 NWT-Alta [1063]; on 20 Ont [1341].
P. cinerea (C:203): on 20 Ont [1963]. See *Abies*.
P. incarnata (C:203): on 4 NWT-Alta [1063]. Lignicolous.
P. piceae (P. separans) (C:204): on 4 NWT-Alta [1063]. See *Abies*.
P. pini (Sterellum p., Stereum p.): on 4 Alta [182]; on 24 Que [969]. See *Abies*.
P. pini ssp. *duplex (P. duplex)* (C:203): on 2 Ont [1341, F67]; on 2, 18, 21 Ont [1941]; on 20 Ont [1827].

P. pseudopini (C:204): on 2 Mack, Alta [53, F60], Alta [F61], Ont [88, 91, 89], on 2, 4, 24 NWT-Alta [1063]; on 2, 18, 20, 21, 24 Ont [1941]; on 4 BC [1012, 1941], Alta [53, F60]; on 4a Alta [1002, 999, 1485, 1941]; on 20 Ont [1341], Que [1941]; on 23 Alta [F60]. See *Abies*.

P. septentrionalis (C:204): red heart rot, carie rouge du coeur: on 2, 20 Que [F64]; on 4 NWT-Alta [1063], BC [1012], Alta [952]. See *Abies*.

P. violaceolivida: on 2 Alta [53]; on 2, 4 NWT-Alta [1063]. Lignicolous.

Peridermium stalactiforme (holomorph *Cronartium coleosporioides*) (C:202): stem rust, rouille du tronc: on 2 Sask [1997], Sask, Man [F64], Que [F68]; on 4 BC [F68], BC, Alta [F67], Alta [F60, F62, F66], Man [F69]; on 4a Alta [738, 1398, 1409]; on 23 Alta [F61]; on 24 Alta [57, F68], Que [F71].

Pestalotia sp.: on 12 Ont [1340]. Probably referable to *Truncatella* or *Pestalotiopsis*.

Pestalotiopsis funerea (Pestalotia f.): on 2 Que [F72, F73]; on 2, 18 Que [F76]; on 18 NS [F71].

Pezicula livida (anamorph *Cryptosporiopsis abietina*): on 2 Ont [1827]; on 2, 4, 21 Que [1690]; on 2, 18 Ont [1340].

Pezizella chapmanii: on 4, 16 BC [1012, 1946].

Phacidiopycnis sp.: on 4 BC [1012].

P. pseudotsugae (Phomopsis strobi) (holomorph *Potebniamyces coniferarum*) (C:204): on 4 Sask [F65]; on 20 Ont [1828, F70], NB [F63], NB, NS [1032]; on 20, 21 Que [1679].

Phacidium abietis: on 18 Que [F75]; on 20 Que [1677] by inoculation.

Phaeolus schweinitzii (Polyporus s.) (C:204): brown cubical rot, carie brune cubique: on 2 Ont [88]; on 4, 9, 16 BC [1012].

Phaeosclera dematioides: on 4 Alta [1636].

Phaeoseptoria contortae: on 4 Alta [950, 1285, F70].

Phanerochaete laevis (Peniophora affinis): on 4 NWT-Alta [1063]. See *Acer*.

P. burtii (Peniophora b.): on 20 NB [1032]. Lignicolous.

P. sanguinea (Peniophora s.): on 2, 4 NWT-Alta [1063]; on 18 Ont [1341]. See *Abies*.

P. velutina: on 2 Alta [53]. See *Acer*.

Phellinus pini (Fomes p.) (C:202): red ring rot, carie blanche alvéolaire: on 1 Alta [951, F63]; on 1, 2, 4, 24 NWT-Alta [1063]; on 2 Mack [F60], Mack, Alta [53], Ont [88, 91]; on 2, 10, 18, 20, 21 Que [1377]; on 2, 18, 20 Ont [1341]; on 4 Alta [950, 952, 1485]; on 4, 9, 16 BC [1012]; on 4a Alta [1001, 1002]; on 20 NB [1032]. See *Abies*.

P. viticola (Fomes v.): on 4 NWT-Alta [1063]. See *Abies*.

P. weirii: on 4, 9, 16 BC [1012]. See *Abies*.

Phialocephala fusca (C:204): on 20, 24 Ont [877].

Phialophora sp.: on 2 Ont [91]; on 20 Ont [974]; on 24 Ont [1827].

P. botulispora: on 2, 24 Ont [279].

P. fastigiata: on 2, 20, 24 Ont [279].

P. heteromorpha (C:204): on railroad tie of 2 Ont [1918].

P. lagerbergii: on 2 Ont [279].

P. melinii: on 2 Ont [279].

P. richardsiae: on 24 Ont [279].

P. verrucosa: on 2 Ont [279].

Phlebia sp.: on 20 Ont [1341].

P. centrifuga (P. albida aucts.*)*: on 2 Ont [1341]. See *Abies*.

P. flavoferruginea (Peniophora f.): on 20 Ont [1341]. Lignicolous.

P. phlebioides (Peniophora p.) (C:204): on 2 Ont [91]; on 4, 16 BC [1012]; on 4, 24 NWT-Alta [1063]; on 4a Alta [999, 1000, 1485]; on 20 Ont [1963]. See *Abies*.

P. radiata (P. merismoides) (C:204): on 4 NWT-Alta [1063], BC [1012], BC, Alta [568]; on 4a Alta [1485]. See *Abies*.

P. subserialis (Peniophora s.): on 2 Mack [1110]. Associated with a white rot.

Phlebiopsis gigantea (Peniophora g.) (C:203): white sap rot, carie blanche de l'aubier: on 2 Ont [88, 1963], NB [1032]; on 2, 18, 20 Ont [1341]; on 4 NWT-Alta [1063]; on 4, 9, 16 BC [1012]; on 4a Alta [999, 1485]; on 24 Ont [1827]. See *Abies*.

Pholiota alnicola (Flammula a.) (C:202): yellow checked rot, carie jaune craquelée: on 2 Ont [88]; on 4 NWT-Alta [1063], BC [1012]; on 4a Alta [999, 1002, 1485]. See *Abies*.

Phoma sp.: on 2 Ont [91]; on 4 NWT-Alta [1063], Alta [952]; on 4a Alta [746]; on wood of 9 in water BC [782]; on 18 Ont [1827], Que [1748]; on 20 Ont [973, 974], NB [1032].

P. glomerata (C:204): on 4a Alta [746].

Phomopsis sp.: on 4a, 17 BC [1012]; on 18, 20 Ont [1827]; on 20 Ont [1828], Que [1377], NB, NS [1032].

Phytophthora cactorum: on 21 Sask [1848].

Phycomyces blakesleeanus: on 4 BC [1012].

Pichia pini: on 4a BC [1012, 1481], Alta [1482].

Piloderma bicolor (Corticium b.): on 4 NWT-Alta [1063]. See *Abies*.

Piloporia albobrunnea (Poria a.) (C:204): on 4 BC [1012], NWT-Alta [1063]. See *Picea*.

Platygloea arrhytidiae: on 4 NWT-Alta [1063].

Pleurocybella porrigens (Pleurotus p.) (C:204): on 24 NB [1032]. Lignicolous.

Pleurotus atrocaeruleus var. *griseus*: on 4 NWT-Alta [1063]. A species of *Hohenbuehelia*.

Pluteus atromarginatus: on stumps of 20 Que [1385].

P. fuliginosus: on 20 Que [1385].

Polyporus sp.: on 20 Nfld [1659, 1660, 1661].

Poria sp.: on 4 NWT-Alta [1063].

P. byssina: on 4 NWT-Alta [1063]. These records are probably collections of *Flaviporus semisupina*.

P. subacida (C:204): on 2 NWT-Alta [1063], Alta [53], Ont [88]; on 2, 18, 20 Ont [1341]; on 4, 9, 21 BC [F62]; on 24 Que [1377]. See *Abies*.

P. tenuis var. *pulchella*: on 16 BC [1012]. Associated with a white rot.

Potebniamyces coniferarum (anamorph *Phacidiopycnis pseudotsugae*): on 2 Que [F75]; on 2, 20, 21 Que [F68]; on 2, 21 Que [1690]; on 20 Que [1685]; on 21 Que [1679]; on 20, 21 Que [F69].

Pragmopora amphibola: on 2, 21 Que [1690].

P. pithya (anamorph *Pragmopycnis p.*): on 20 Que [1690, F68].

Propolis sp.: on 16 BC [1012].

P. leonis (C:204): on 4 Alta [644].

P. rhodoleuca (C:204): on 2, 21 Ont [1340, F60]. A form on pine cones that is doubtfully distinct from *P. versicolor*.

P. rhodoleuca var. *strobilina*: on 4 NWT-Alta [1063], Alta [951]. See above.

Pseudocenangium succineum (holomorph *Phialea fumosella*): on needles of 24 NB [1763].

Pseudohelotium pineti (Belonium p.): on 4 NWT-Alta [1063].

Pseudohiatula conigenoides: on cones of 20 Que [1385]. Probably a specimen of *Baeospora myosura*. See comment under *Picea*.

Pseudomerulius aureus (Merulius a.) (C:203): on 2, 20, 24 Ont [568]; on 4 NWT-Alta [1063], Alta [568]; on 20 Que [568]; on 24 NB, NS [568], NS [1032]. Associated with a brown rot.

Pseudophacidium piceae: on 21 Que [1685].

Pseudotomentella atrofusca: on 20 BC [1828].

P. tristis (P. umbrina): on 24 Ont [1341].

Pycnoporus cinnabarinus (C:204): on 20 NS [1032]. See *Acer*.

Pyrenochaeta sp.: on 20 Ont [974].

Pythium sp.: on 16 BC [1012]; on 18 Que [1748], NB, NS [1885], NS [F68].

P. debaryanum (C:204): on 18 NB [F60]; on 21 Sask [1848].

P. intermedium: on 4a Alta [745].

P. sylvaticum: on 18 Ont, Que, NB [1846].

P. ultimum: on 4a Alta [746]; on 21 Sask [1848].

Ramaricium albo-ochraceum (Trechispora a.): on 18 Ont [572, 970]. Lignicolous.

Ramularia sp.: on 4 NWT-Alta [1063].

Resinicium bicolor (Odontia b.) (C:203): white stringy rot, carie blanche filandreuse: on 4 BC [1012].

Retinocyclus abietis (C:204): on 2 Alta [53], Ont [88, 89, 91, 1827]; on 2, 4 NWT-Alta [1063]; on 4 BC [1012], Alta [182], Que [F67]; on 4a Alta [1485].

R. olivaceus: on 2 Que [F71].

Rhinocladiella atrovirens: on 2 Ont [88]; on 4 NWT-Alta [1063].

Rhizina undulata: on 2 Sask [F70], Ont [F72]. Causes a root-rot, typically associated with burnt sites. See *Picea*.

Rhizoctonia sp.: on 18 Que [1748], NS [F68].

R. callae: on 21 Sask [1511].

R. endophytica var. *endophytica* (holomorph *Ceratobasidium* sp.): on 2 Sask [1510].

R. endophytica var. *filicata*: on 2 Sask [1510].

R. globularis (holomorph *Sebacina* sp.): on 2 Sask [1510].

R. hiemalis (holomorph is a Discomycete): on 2 Sask [1510].

R. repens: on 2 Man [1511]; on 21 Sask [1511].

R. rubiginosa: on 21 Sask [1511].

R. solani (R. praticola) (holomorph *Thanatephorus cucumeris*) (C:204): damping-off, fonte des semis: on 2, 21 Sask [1511]; on 10 NB [F60]; on 18 NB [F73], NS [1885, F72]; on 21 Sask [1848].

Rhizosphaera sp.: on 9 BC [1012].

Rosellinia sp.: on 18 Ont [1340].

R. thelena: on 4 NWT-Alta [1063], BC [1012]; on 20 Ont [1340].

Sarcotrochila macrospora: on 4 BC [1012, 2009].

Schizophyllum commune: on 2, 4 NWT-Alta [1063]; on 2, 18 Ont [1341]; on 4 Alta [565]. See *Abies*.

Scirrhia pini (anamorph *Dothistroma septospora*): on 4 BC [523, 953], Alta [F67]; on 4, 9, 16, 24 BC [F68]; on 4, 9, 11, 12, 15, 16, 17, 23 BC [1012]; on 4a BC [F76]; on 5, 9, 11, 12, 15, 17, 24 BC [F66]; on 11, 15, 17 BC [339]; on 12, 15 BC [F67]; on 17 BC [F69].

Sclerophoma sp.: on 4, 9, 12, 15, 16 BC [1012].

S. pithya: on 2, 18, 20 Ont [1827]; on 2, 20 Ont [1828]; on 20 Ont [1340, F68]; on 24 Ont [F67].

S. pithyophila (Phoma acicola, P. pinicola) (holomorph *Sydowia polyspora*) (C:204): on 1, 4a BC [F75]; on 2 Sask [F67]; on 2, 12 Sask, Man [F68], on 12 BC [F64]; on 18 NS [F71]; on 18, 21 Man [F67]; on 20 Ont [1340, F69]; on 24 BC [1012, F67], Ont [F68].

Scoleconectria cucurbitula (Ophionectria cylindrospora): on 2, 4a, 18, 20, 21 Que [1685]; on 2, 4a, 18 Ont [F71]; on 2, 18 Ont [1828, F69], Que [F67]; on 2, 18, 20 Ont [1827, F68]; on 2, 18, 20, 21 Ont [F70]; on 2, 20, 21 Ont [1340]; on 18 Ont [F66, F75]; on 20 Ont [175, F62, F72, F73], NB, NS [F67], NB, NS, PEI [1032], NS [F76]; on 24 Ont [F67].

S. scolecospora: on 4 NWT-Alta [1063].

Scytalidium sp.: on 18 Que [354].

S. lignicola: on 2 Ont [88, 830].

Scytinostroma galactina (Corticium g.) (C:201): on 2 Ont [88, F72]; on 4, 9 BC [1012]; on 18, 20 Ont [1341, 1964]; on 20 Ont [1963, F74], NS [1032]. See *Abies*.

Septobasidium pinicola (C:204): on 20 Ont [1341, F60], Que [F63, F64, F67], NB, NS [1032]. No doubt on scale insects on pine.

Septonema chaetospira var. *pini*: on 4 Alta [183]. The species has been transferred to *Heteroconium*, but this variety has not been.

Septoria sp.: on 20 Ont [974] by inoculation.

Serpula himantioides (Merulius h., Serpula lacrimans var. *h.)* (C:203): brown cubical rot, carie brune cubique: on 2 Ont [88]; on 4, 16 BC [1012]; on 4a BC [F74]; on 20 Ont [1963]; on 24 NS [1032].

S. lacrimans: on 16 BC [1012]. See *Abies*.

Sillia sp.: on 18 Ont [1340].

Sirococcus conigenus (S. strobilinus): on 1, 4, 16 BC [1012]; on 2, 18 BC [F76], Ont [F74]; on 4 BC [835]; on 4a BC [F72]; on 7 NS [F75]; on 18 Ont [F73], Ont, Que [F75], Ont, NS [F76], NB, NS, PEI [F74], NS [1034].

Sirodothis sp. *(Pleurophomopsis* sp., *Pleurophomella* sp.*)* (holomorph *Tympanis* sp.): on 4 NWT-Alta [1063].

Sistotrema brinkmannii (Trechispora b.) (C:205): white stringy rot, carie blanche filandreuse: on 4 NWT-Alta [1063]; on 4a Alta [999]; on 18 NB [1032].

S. hirschii (Trechispora h.): on 4 NWT-Alta [1063]. Lignicolous.

Sistotremastrum suecicum: on 18 NS [1032]. See *Abies*.

Skeletocutis amorpha (Polyporus a.) (C:204): on 4 NWT-Alta [1063]; on 4, 9 BC [1012]; on 9 BC [1341]. See *Abies*.

S. alutacea (Poria a.): on 20 Ont [1341]. See *Betula*.

S. subincarnata (Poria s.): on 9 BC [1012]. See *Abies*.

Spadicoides atra: on 2 Man [1760]; on 4 Alta [791].

S. bina: on 18 Ont [443].

Sphaerellopsis filum (Darluca f.) (holomorph *Eudarluca caricis*): on 2 NB [1036].

Sphaeropsis sapinea (S. ellisii, Diplodia pinea, Macrophoma sapinea) (holomorph *Botryosphaeria laricis*): on 2, 4a, 18, 20, 21 Que [1687]; on 2, 16, 18 Ont [F64]; on 2, 18 Ont [F66]; on 2, 24 Ont [1340]; on 4 Que [F67, F69]; on 12 Nfld [F75]; on 16 BC [1012, F76]; on 18 Ont [1828, F73]; on 18, 21 Ont [1827, F74]; on 21 Que [F70].

Sporidesmium larvatum: on 20 Que [824].

Stemonitis fusca (C:204): slime mold: on 2, 4 NWT-Alta [1063]. Presumably on well-rotted wood.

Stereum sp.: on 4 NWT-Alta [1063].

S. hirsutum: on 4 NWT-Alta [1063]. See *Abies*.

Stilbospora sp.: on 4 BC [1012].

Stomiopeltis pinastri: on 9 BC [1012].

Strasseria geniculata: on 18 Que [1278]; on 21 Nfld [1278].

Strobilurus albipilatus: on senescent or buried cones of 24 BC, Ont, Que, NS [1431].

Sydowia polyspora (anamorph *Sclerophoma pithyophila*): on 1, 4, 10, 11, 12, 18, 21 BC [1012]; on 2, 4, 18, 20, 21 Que [1686, F68]; on 11 BC [F71]; on 18, 21 BC [F70]; on 20 Que [1685]; on 21 Nfld [F73].

Taeniolella sp.: on 4 NWT-Alta [1063], Alta [182]; on 16 BC [1012].

Talaromyces emersonii: on 24 BC [1723]. See note under *Picea*.

Tapesia strobilicola: on 4 Yukon [460].

Thelephora sp.: on 2 Alta [1828]; on 2, 20 Ont [1828].

T. terrestris (C:205): on 2 Que [F76]; on 2, 20 Ont [1341]; on 4 BC [1012]; on 4a BC [F71]; on 18 NS [1032]. Causes "smothering disease" of seedlings and forms ectotrophic mycorrhizae with pines.

Thermoascus aurantiacus: on 24 BC [1723].

Thermomyces lanuginosus (Humicola l.): on 24 BC [1723].

Therrya fuckelii (C:205): on 18 Ont [303, 305, 1342a, 1441, 1827, F68], Que [F61]; on 18, 20, 21 Ont [1340]; on 18, 21 Ont, Que [893]; on 21 Ont [F67].

Thyriopsis halepensis: on 2 Que [1207, F65]; on 4 Alta [F67, F69].

Thyronectria balsamea: on 2, 18 Que [F67].

Tomentella sp.: on 4 NWT-Alta [1063].

T. botryoides: on 20 Ont [1341].

T. ferruginea (T. fusca): on 4 NWT-Alta [1063]; on 24 Ont [1341, 1828].

T. molybdaea: on 2 Ont [1827].

T. ramosissima (T. fuliginea): on 2 Alta [1341].

T. ruttneri: on 24 Ont [928, 1341].

T. sublilacina: on 20, 24 Ont [1341]; on 24 Ont [1827].

Tomentellina fibrosa (Kneiffiella f.): on 4 Alta [1828].

Torula herbarum: on 2 Sask [1760].

Trechispora farinacea (Grandinia f.): on 4 NWT-Alta [1063]. See *Abies*.

T. filia (Corticium molliforme): on 4 NWT-Alta [1063]. Lignicolous.

T. pallidoaurantiaca: on 2 Mack [559]. Associated with a white rot.

T. vaga (Corticium sulphureum, Cristella s.) (C:201): on 2 Mack [970], NWT-Alta [1063], Alta [53]; on 9 BC [1012]; on 18, 24 Ont [1341]. See *Abies*.

Tremella sp.: on 4 NWT-Alta [1063].

T. encephala: on 4 NWT-Alta [1063], BC [1012]. See *Abies*.

T. lutescens (C:205): on 4 NWT-Alta [1063], BC [1012]. Lignicolous.

T. mesenterica (C:205): on 4 NWT-Alta [1063], BC [1012]. See *Acer*.

Trichaptum abietinus (Hirschioporus a., Polyporus a.) (C:204): white sap rot, carie blanche de l'aubier: on 2 Mack, Alta [53]; on 2, 4, 21, 24 NWT-Alta [1063]; on 2, 18, 20 Ont [1341]; on 2, 20 Que [1061]; on 2, 20, 21, 24 NB [1032]; on 4 BC [953, 954, 1028], Alta [951]; on 4, 4a Alta [1485]; on 4, 9, 16, 21 BC [1012]; on 4a Alta [999]; on

16 BC [1341]; on 18 Ont [1028]; on 18, 20 PEI [1032]; on 18, 20, 24 NS [1032]; on 19 Que [F65].

T. fuscoviolaceus (Hirschioporus f.): on 2 Que [1028]. See *Abies*.

T. laricinus (Hirschioporus l.): on 20 Ont [1028]. See *Abies*.

Trichia botrytis: on 2 NWT-Alta [1063], Mack [53].

Trichoderma sp.: on 4 NWT-Alta [1063]; on 4 Que [1748].

T. lignorum: on 4 NWT-Alta [1063]. Probably a specimen of *T. viride*.

T. viride (C:205): on 2 Sask [1760], Ont [91]; on 2, 18, 20, 21 Ont [1964, 1966]. See *Abies*.

Truncatella hartigii (Pestalotia h.): on 18 Ont [1827].

Tryblidiopsis pinastri: on 20 Ont [1340].

Tubulicrinis angustus: on 4 Que [F67]. Lignicolous.

T. calothrix (Peniophora c.): on 24 NWT-Alta [1063]. Associated with a white rot.

T. glebulosus (T. gracillimus, Peniophora g.) (C:203): on 4 NWT-Alta [1063]; on 16 BC [1012]. See *Abies*.

T. inornatus (Peniophora i.): on 24 Ont [1935]. Lignicolous.

T. subulatus (Peniophora s.): on 2 Alta [53]; on 2, 4 NWT-Alta [1063]. See *Abies*.

Tulasnella fuscoviolacea: on 4 NWT-Alta [1063]; on 20 PEI [1032]. Lignicolous.

T. violea: on 2 Alta [53]; on 2, 4 NWT-Alta [1063]. Lignicolous.

Tylospora fibrillosa: on 2 Ont [1341]. See *Picea*.

Tympanis sp.: on 1, 4 BC [1012]; on 2, 4 NWT-Alta [1063]; on 4 Alta [182], Que [F67]; on 18 Ont [F60, F75]; on 18, 20 Ont [1340]; on 20 NS [1032].

T. abietina: on 2, 4, 18, 20, 21 Que [1688]; on 4, 18, 20 by inoculation.

T. confusa (C:205): canker, chancre typanien: on 2, 4, 18, 20, 21 Que [1688]; on 4, 18 Que [F68]; on 20 Ont [1340]; on 24 Que [1690].

T. hansbroughiana: canker, chancre: on 2, 4, 18, 20, 21 Que [1688].

T. hypopodia (T. piceina) (C:205): canker, chancre: on 2 Ont [88, 89, 91, 1340, F69]; on 2, 4 NWT-Alta [1063]; on 2, 4, 18, 20, 21 Que [1688]; on 2, 21 Man [F66]; on 4 Alta [182]; on 4a Alta [1485]; on 9 BC [1012, F63]; on 20 Ont [1827], Que [1685], NB, NS [1032]; on 24 Sask, Que, NB, NS [1221].

T. laricina (anamorph *Sirodothis* sp.): canker, chancre: on 2, 4, 18, 20, 21 Que [1688] by inoculation; on 24 Alta, Ont, Que [1221].

T. neopithya: on 20 Ont [1221]; on 24 Ont, Que [1221].

T. pithya (C:205): canker, chancre: on 2, 4, 18, 20, 21 Que [1688]; on 20 Ont [973], Que [1685, F68], Nfld [1659, 1660, 1661].

T. truncatula (T. pinastri): on 2 Ont [F69]; on 24 Que [1221].

T. tsugae: on 24 Que [1221].

Tyromyces caesius (Polyporus c.): on 4 NWT-Alta [1063]; on 18 PEI [1032]. See *Abies*.

T. fragilis (Polyporus f.): on 2 Alta [53]; on 2, 4 NWT-Alta [1063]. See *Abies*.

T. lapponicus (Polyporus l.): on 4 NWT-Alta [1063], Alta [952]. Associated with a brown rot.

T. leucospongia (Polyporus l.) (C:204): on 1 BC [1012, F61]; on 4 NWT-Alta [1063]. See *Abies*.

T. mollis (Polyporus m.) (C:204): on 4 NWT-Alta [1063]; on 9 BC [1012]. See *Abies*.

T. placenta (Poria monticola) (C:204): on 2 Ont [88]. Associated with a brown rot.

T. sericeomollis (Polyporus s., Poria s.) (C:204): brown cubical rot, carie brune cubique: on 2 Ont [88, 1341]; on 4 BC [1012]; on 4a Alta [1485]; on 24 NWT-Alta [1063].

T. subvermispora (Poria s.) (C:204): on 4 NWT-Alta [1063], Alta [579]. See *Abies*.

T. undosus (Polyporus u.) (C:204): on 9 BC [1012]; on 18 Que [F71]. See *Abies*.

Ulocladium consortiale (Stemphylium c.): on 2 Ont [88]; on wood of 9 in water BC [782].

Valsa friesii (anamorph *Cytospora dubyi*): on 2 Que [F70]; on 2, 4, 18, 20, 21 Que [1689].

V. pini (C:205): canker, chancre cytosporéen: on 2 Ont [F69, F73]; on 2, 4, 18, 20, 21 Que [1689]; on 2, 18, 20 Ont [F70]; on 2, 18, 20, 21 Ont [1340]; on 2, 21, 24 Ont [F68]; on 9 BC [1012]; on 18 Ont [1828, F71, F73]; on 18, 21 Ont [F74]; on 20 Que [1340], NB, NS [1032].

Valsaria rubricosa: on 20 Ont [1340].

Vararia granulosa: (C:205): on 9 BC [557]; on 16 BC [1012]. See *Abies*.

V. racemosa: on 4 Alta [557]. See *Abies*.

Verticicladiella procera (C:205): on 2 Que [874]; on 20 Ont [874].

V. wagenerii: on 4 BC [1012]; on 4a BC [F76].

Verticillium sp.: on 18 Ont [1827].

Wolfiporia extensa (Poria cocos) (C:204): on 9, 16 BC [1012]. See *Betula*.

Xenasma filicinum (X. pseudotsugae): on 20, 24 Ont [967]; on 24 Ont [1341].

X. lloydii: on 2, 24 Ont [967].

X. tulasnelloideum: on 24 Que [969]. Lignicolous.

Xeromphalina campanella (Omphalia c.) (C:205): white stringy rot, carie blanche filandreuse: on 2 Ont [88]; on 4 NWT-Alta [1063]; on 24 Ont [1341], NB [1032].

Zalerion maritimum (Z. eistha, Z. raptor, Z. xylestris): on 9 BC [782]; on 13 NS, Nfld [1126]. Both records from wood in water.

Zythia sp.: on 2 Ont [91, 1828].

Z. resinae (Pycnidiella r.) (C:205): on 4 Alta [53, 182]; on 4a Alta [1485].

PISUM L. LEGUMINOSAE

1. *P. sativum* L., garden pea, pois; imported from Eurasia.
2. Host species not named, i.e., reported as *Pisum* sp.

Alternaria alternata (A. tenuis auct.*)* (C:205): blossom and pod blight, brûlure alternarienne: on 1 Ont [1910].

Ascochyta pinodes (holomorph *Mycosphaerella p.*): on 1 BC, Alta, Ont, Que, NB, NS [107], Sask [1139, 1095, 1097], PEI [107, 1593].

A. pisi (C:205): leaf and pod spot, ascochytose: on 1 BC [1816], BC, Alta, Que [107], Alta [338], Alta, Sask, NS [1594], Sask, Man, NB [336], Man, PEI [333], Ont [1900, 1903, 1904], Ont, NB, NS, PEI [107, 334], NB, NS [335].

Botrytis sp.: on 1 Sask [1139].

B. cinerea (holomorph *Botryotinia fuckeliana*) (C:205): gray mold, moisissure grise: on 1 BC [1816], BC, Alta, Ont, Que, NB, NS, PEI [107], Alta [339], Sask [1097], Ont [1910], NB, NS [333], NS [334, 335, 336, 337, 1594].

Cladosporium cladosporioides f. sp. *pisicola (C. pisicola)* (C:205): leaf spot, tache cladosporienne: on 1 BC [1816], Que [107].

C. myriosporum: on live pods of 2 BC [440].

Colletotrichum pisi (C:205): anthracnose, anthracnose: on 1 Alta [107], Ont [334, 1900].

Coniella pulchella: on seeds of 1 Alta [1622].

Erysiphe communis (E. polygoni) (C:205): powdery mildew, blanc: on 1 BC [1816], BC, Sask [333, 339, 1257], Alta, Sask [334, 1594], Alta, Ont [107, 337], Alta, NB [336, 338, 339], Sask [1139, 1095, 1097], Sask, Ont, NS [336, 338], Man [884], Man, NB [334, 1257], Ont [1903], Que [1257], Que, NB, NS [335], Que, PEI [107], NB [337], PEI [333, 336].

Fusarium sp. (C:206): fusarium wilt, flétrissure fusarienne: on 1 BC [335, 338, 1816, 1817, 1818], Alta [333, 334, 335, 337, 338, 339], Sask [339, 1139, 1095, 1097, 1594], Ont [1460, 1461, 1594], NB [334, 337, 339], NS [333, 334], PEI [338].

F. oxysporum (C:206): fusarium wilt, flétrissure fusarienne: on 1 Alta [1519], PEI [858]; on 2 Ont [470].

F. oxysporum f. sp. *pisi* (C:206): near wilt, flétrissure fusarienne: on 1 BC, Alta, Ont, Que, NB, NS [107], Alta [338], Alta, NS [1594], Ont [167, 172, 173, 1456], NS [337, 339], PEI [860].

F. poae (C:206): on 1 Ont [169, 1595].

F. solani (holomorph *Nectria haematococca*) (C:206): fusarium root rot, pourridié fusarien: on 1 Que [670].

F. solani f. sp. *pisi* (C:206): fusarium root rot, pourridié fusarien: on 1 BC, Ont, Que, NS, PEI [106, 107], Alta, NB [107], Ont [101, 103, 167, 172, 1456], Que [613], PEI [860]. Root rot of processing peas in s. Alta reduces annual yield by about 17%. Each year several irrigated fields are so heavily infected that pea production must be abandoned.

Melanospora papillata (C:206): on seeds of 1 Ont [1943].

Microascus longirostris (M. variabilis) (C:206): on seeds of 1 Ont, Que, PEI [308]; on 2 Que [86].

Mycosphaerella pinodes (anamorph *Ascochyta p.*) (C:206): mycosphaerella blight, brûlure ascochytique: on 1 Man [335, 1595, 1903], Ont [334, 335, 336, 337, 338, 1900, 1902, 1903, 1904], NB [337], NS [335, 336].

Paecilomyces varioti (C:206): on seeds of 1 Ont [150].

Peronospora viciae (P. pisi) (C:206): downy mildew, mildiou: on 1 BC [1816, 1817, 1818], BC, Alta, Ont, NB, NS, PEI [107], BC, NS [333], Alta, NS [334, 335], Sask [1139], NS [339], PEI [336].

Phoma medicaginis var. *pinodella (Ascochyta p.)* (C:205): foot rot, pourridié ascochytique: on 1 BC, Alta, Ont, Que, NB, NS, PEI [107], Alta [337], Man, NB, PEI [1594], Ont [334, 335, 336, 1902, 1904], Ont, Que [333], NS, PEI [339], PEI [1593].

Pleospora herbarum (anamorph *Stemphylium botryosum*) (C:206): on 2 Ont [1340].

Pythium sp. (C:206): damping-off and root rot, fonte des semis et pourridié pythien: on 1 BC [338], Alta [333, 334, 335, 337, 338, 339, 704, 1594], Sask [339, 1594], Ont [1594], NB [337, 339], PEI [338].

P. hypogynum: on 1 Ont [1456].

P. irregulare: on 1 Ont [1456].

P. oligandrum: on 1 Ont [1456].

P. sylvaticum: on 1 Ont [1456].

P. ultimum (C:206): damping-off and root rot, fonte des semis et pourridié pythien: on 1 Man [1069], Ont [1456]; on 2 Ont [1477].

P. vexans: on 1 Ont [1456].

Rhizoctonia sp.: on 1 Alta [337, 704], Sask [1097, 1139], NB [337].

R. solani (holomorph *Thanatephorus cucumeris*) (C:206): root rot, rhizoctone commun: on 1 BC [338, 1816], Alta [107, 333, 334, 338, 339, 1594], Sask [334, 339], Ont [1460, 1594], NB, NS [339], PEI [338].

Sclerotinia sp.: on 1 Sask [420, 1138], Man [1138].

S. sclerotiorum (C:206): sclerotinia rot, pourriture sclérotique: on 1 Sask [1095, 1097, 1139], Ont [334, 1900], NS [335].

Septoria pisi (C:206): leaf blotch, tache septorienne: on 1 Alta [107], Sask [336], Ont [107, 333, 336, 338], Que [107, 333, 335].

Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:206): leaf spot, tache stemphylienne: on seeds of 1 BC [1816], Ont [667].

Ulocladium consortiale (Alternaria c., Stemphylium c.) (C:205): on seeds of 1 Ont [667].

Uromyces viciae-fabae (U. fabae) (C:206): rust, rouille: 0 I II III on 1 BC [1816], BC, Ont, Que, NB, NS, PEI [107], Ont [337, 338, 339, 1236, 1900, 1902, 1903], Ont, NS [334, 335, 336], NB [339, 1594], NS [333], PEI [336, 1594].

PITTOSPORUM Banks PITTOSPORACEAE

Evergreen trees and shrubs native to warm temperate, subtropical and tropical regions of the old world. Useful ornamentals, some species grown under glass.

1. *P. tobira* (Thunb.) Ait., Japanese pittosporum, pittospore de Chine: imported from China and Japan.

Phyllosticta sp.: on 1 BC [335, 1816].

PLANTAGO L. PLANTAGINACEAE

1. *P. major* L., common plantain, queue de rat: imported from Eurasia, natzd., Yukon-Mack, BC-Nfld.
2. *P. maritima* L. *(P. juncoides* Lam.*)*, goose tongue, passe-pierre: native, Mack, BC-Alta, Man-Nfld., Labr.
3. *P. rugelii* Dcne., Rugel's plantain, plantain de Rugel: native, Ont-PEI.

Coleroa plantaginis: on 3 Que [307]; on living leaves of *P.* sp. in c. and e. Canada [73].

Erysiphe sp.: powdery mildew, blanc: on 1 BC [1012].

E. cichoracearum (C:207): powdery mildew, blanc: on 1 Man, Que [1257]; on 1, 2 BC [1816], Que [282]; on 1, 3 Ont [1257].

Mycosphaerella tassiana var. *arthopyrenioides* (C:207): on 1 Que [70].

Olpidium brassicae: on 1 BC [65], Ont [67].

Peronospora alta (C:207): downy mildew, mildiou: on 1 BC [1816].

Pleospora herbarum (anamorph *Stemphylium botryosum*): on 2 Que [282].

Rhizophydium graminis: on 1 Ont [59].

Verticillium dahliae: on 1 BC [1816, 1978].

PLATANUS L. PLATANACEAE

1. *P.* x *hybrida*: *P. occidentalis* L. x *P. orientalis* L. (*P. acerifolia* (Ait.) Willd.), London plane tree, platane anglais.
2. *P. occidentalis* L., sycamore, platane d'Occident: native, s. Ont.
3. Host species not named, i.e., reported as *Platanus* sp.

Apiognomonia errabunda (anamorph *Discula umbrinella*): on 2 Ont [1340]. See *Fraxinus*.

A. veneta (Gnomonia v.) (C:207): anthracnose, anthracnose: on 1 BC [1012]; on 3 BC [333, 337], Ont [333].

Cytospora sp.: on 3 BC [1012].

Diatrypella prominens: on 2 Ont [1340, F63].

Discula umbrinella (Gloeosporium nervisequum) (holomorph *Apiognomonia errabunda*): on 1 BC [1816]; on 2 BC [338]; on 3 Ont [1340, F75, F76].

Macrodiplodiopsis desmazierii (Hendersonia d.) (C:207): on 2 Ont [1340]; on 3 Ont [1340, 1763 on dead branches].

Valsella sp.: on 3 Ont [1828].

PLATYCLADUS Spach CUPRESSACEAE

1. *P. orientalis* (L.) Franko cv. Rosedale, oriental arborvitae; native, China and Korea, imported and planted as an ornamental.

Lepteutypa cupressi: on 1 (as *Chamaecyparis rosedale*) BC [1012].

PLEUROPOGON R. Br. GRAMINEAE

1. *P. sabinei* R. Br.: native, Mack-Labr.

Hysteropezizella diminuens: on 1 Frank [664].

Physoderma graminis (C:208): on 1 Frank, Keew [1586]. Listed as "affin. *graminis*".

Ustilentyloma pleuropogonis (C:208): smut, charbon: on 1 Frank [1586].

PLUMERIA L. APOCYNACEAE

1. *P. rubra* L., frangipani: imported from tropical America. Grown as an ornamental especially for the fragrance of the flowers.

Coleosporium plumeriae: rust, rouille: on 1 Alta [1824]; on *P.* sp. Alta [1822]. On imported plants.

POA L. GRAMINEAE

1. *P. abbreviata* R. Br.: native, Yukon-Labr.
2. *P. ampla* Merr., big bluegrass: native, Yukon, BC-Sask.
3. *P. annua* L., annual bluegrass, pâturin annuel: imported from Eurasia, natzd. Yukon, BC-Nfld, Labr.
4. *P. arctica* R. Br.: native, Yukon-Labr, BC-Alta, Man-Que, Nfld.
5. *P. bulbosa* L., bulbous bluegrass: imported from Eurasia, introduced, BC.
6. *P. canbyi* (Scribn.) Piper: native, Yukon, BC-Sask, Que.
7. *P. compressa* L., Canada bluegrass, pâturin du Canada: imported from Eurasia, natzd. Yukon-Mack, BC-Nfld.

8. *P. eminens* Presl; native, sw. BC, James Bay and Hudson Bay, Que, and Nfld.
9. *P. glauca* Vahl; native, Yukon-Labr, BC-NS, Nfld.
10. *P. hartzii* Gand.; native, Mack-Frank.
11. *P. nemoralis* L., wood meadow-grass, pâturin des bois; native, Yukon-Keew, BC-NS, Nfld, Labr.
12. *P. palustris* L., fowl meadow-grass; native, Yukon-Mack, BC-Nfld, Labr.
13. *P. paucispicula* Scribn. & Merr.; native, Yukon-Mack, BC-Alta.
14. *P. pratensis* L., Kentucky bluegrass, pâturin des prés; native and introduced, Yukon-Labr, BC-Nfld. 14a. *P. p.* var. *alpigena* (Fries) Hiitonen (*P. alpigena* (Fries) Lindm. f.); native, Yukon-Labr, Man-Nfld.
15. *P. stenantha* Trin.; native, BC-Alta.
16. *P. trivialis* L., rough-stalked meadow grass; Eurasian, natzd. Yukon, BC-Alta, Man, PEI, Nfld.
17. Host species not named, i.e., reported as *Poa* sp.

Acremonium boreale: on 3 BC, Alta, Sask, Man, Ont [1707]; on 14 BC, Alta, Sask [1707].

Allophylaria pusiola (C:208): on 1, 4 Frank [664]; on 4 Frank [1543], Keew [664].

Bipolaris sorokiniana (holomorph *Cochliobolus sativus*): on 3 Ont [166]; on 14 Alta [56]; on 16 Alta [120] by inoculation; on 17 PEI [1974].

Cercosporidium graminis (Passalora g., Scolecotrichum g.) (C:209): brown stripe, strie brune: on 6, 15 Yukon [1731]; on 7, 14 BC [1816]; on 12 NB [333, 1195].

Cladosporium herbarum (C:208): on 4 Frank [1244].

Dendrophoma poarum: on culms and inflorescences of 3 Ont [440].

Drechslera poae (D. vagans) (C:209): leaf blotch, tache drechsleréenne: on 9 Yukon [1731]; on 14 BC [1816], Alta [338, 339], Sask [333, 338, 1611], NB [333, 1195], Nfld [338]; on 17 Alta, Sask, Man [335].

Entyloma dactylidis (C:209): leaf smut, charbon des feuilles: on 1 BC [534].

Epicoccum purpurascens (E. nigrum) (C:209): on 14 NB [333, 1195].

Erysiphe graminis (C:209): powdery mildew, blanc: on 3, 12 Que [282]; on 4 Yukon [1255, 1257], Frank [1244]; on 4, 9 Frank [1586]; on 4, 9, 14a Frank, Keew [1257]; on 9 Ont [1257], Que [1255, 1257]; on 11, 12, 14 Ont [1255, 1257]; on 12 Que [1257]; on 14 Yukon [1731], Mack, Sask, Man [1257], BC [1728, 1816, 1849], Alta, Ont, Que [336], Sask [338, 1185], Sask, PEI [335], Ont, Nfld [334], NB [333, 1195]; on 17 Ont [335], Que [339], PEI [1974].

Fusarium sp.: on 14 BC [1849].

F. nivale (C:209): snow mold, moisissure des neiges: on 3, 14 Sask [1705], Que [1594]; on 14 BC [1849], Alta [956, 1594]. See *Agrotis*.

F. poae (C:209): on 14 BC [333, 1816]; on 17 Ont [169], NB [333].

Helminthosporium sp.: on 14 BC [1849], Sask [336, 1185], Man [1367].

Laetisaria fuciforme (Corticium f.): on 14 BC [1849].

Ligniera pilorum: on 3 Ont [60].

Low temperature basidiomycete: on 3 Alta [333]. Probably *Coprinus psychromorbidus* [1439] or *Typhula* sp.

Marasmius sp.: on 14 BC [1849].

M. oreades: on 17 Alta, Sask [335].

Olpidium brassicae: on roots of 14 Ont [68].

Pleospora sp.: on 3, 14 Sask [338].

Pseudoseptoria donacis (Selenophoma d.) (C:210): on 2 BC [1728]; on 12 Que [282, 1729]; on 14, 15 Yukon [1731].

P. stomaticola (Selenophoma donacis var. *s.)* (C:210): on 6 Yukon [1731]; on 12, 14 BC [1728].

P. everhartii (C:210): on 7 Yukon [1731].

Puccinia sp.: rust, rouille: on 14 BC [1849].

P. graminis (C:210): stem rust, rouille de la tige: II III on 7, 14 Ont [1236]; on 14 BC, Alta, Ont [333], Alta [335], Ont [335, 337], Que [336].

P. poae-nemoralis (P. brachypodii var. *p., P. poae-sudeticae)* (C:210): leaf rust, rouille des feuilles: II III on 3, 7, 14, 17 Ont [1236]; on 4 Que [1236]; on 7, 12, 14 BC [1816]; on 9, 12 Yukon [1731]; on 12, 13, 14 BC [1012]; on 12, 14 NB [333, 1195]; on 13 BC [1728]; on 14 Sask [336, 1185]; on 17 Man [335].

P. poae-nemoralis ssp. *hyparctica* (C:210): rust, rouille: on 10, 10 X 9 Frank [1586].

P. poae-nemoralis ssp. *p.* (C:210): rust, rouille: on 4 Frank [1244]; on 4, 9 Frank [1586]; on 5 BC [1578].

P. recondita s. l. (C:210): rust, rouille: on 17 BC [1012].

P. striiformis: rust, rouille: on 14 BC [1012]. In the strict sense *P. striiformis* is a rust of *Triticeae*. It remains to be demonstrated whether it is biologically distinct from the rust on *Poa* (see Fungi Canadenses 250).

Pyrenopeziza karstenii (C:210): on 8 Que [664].

Pythium arrhenomanes: on 14 Sask [1869].

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:210): on 7 BC [1729]; on 14 BC [1849], NB [336].

Sclerotinia borealis (C:210): snow mold, moisissure des neiges: on 2, 7 BC [1816].

Septoria sp.: on 14 Sask [1185].

S. macropoda (C:210): on 3 Que [1729]; on 14 Man [1367].

S. macropoda var. *septulata*: on 14 Ont [335].

S. oudemansii (C:210): on 9 Yukon [1704]; on 14 Que [1729].

Sphaerellopsis filum (Darluca f.) (holomorph *Eudarluca caricis*) (C:208): on 6 Yukon [1731]; on 14 Sask

[1185]. Mycoparasitic on *Puccinia poae-nemoralis*.

Typhula sp. (C:210): on 3 Sask [1705].

T. ishikariensis var. *canadensis*: on 3, 14 Sask [19].

Ustilago salvei (U. striiformis auct.*)* (C:210): stripe smut, charbon strié: on 14 NB [333]; on 17 NB [1195].

PODOPHYLLUM L. BERBERIDACEAE

1. *P. peltatum* L., may apple, pomme de mai; native, Ont-Que, NS.

Puccinia podophylli (C:210): rust, rouille: 0 I III on 1 Ont [1236, 1341, 1827, 1828]; on ?*Podophyllum* sp. Ont [1595].

Vermicularia podophylli: on fruit of 1 Ont [439].

POLYGALA L. POLYGALACEAE

1. *P. paucifolia* Willd., bird-on-the-wing, polygala paucifolié; native, Sask-NB.

Puccinia pyrolae (C:211): rust, rouille: III on 1 Ont [1236, 1341].

POLYGONATUM Mill. LILIACEAE

1. *P. biflorum* (Walt.) Ell., two-flowered Solomon's-seal, sceau-de-Salomon à deux fleurs; native, Sask-Que.
2. *P. pubescens* (Willd.) Pursh, downy Solomon's seal, sceau-de-Salomon pubescent; native, Ont-NS.

Macrophoma smilacina var. *smilacina*: on 1, 2 Ont [148].

M. smilacina var. *smilacis*: on 1, 2 Ont [148].

POLYGONUM L. POLYGONACEAE

1. *P. amphibium* L., amphibious bistort, renouée amphibie; native, Yukon-Mack, BC-Nfld.
2. *P. arenastrum* Jord.; imported from Eurasia, introduced, Yukon-Mack, Alta-Nfld, Labr.
3. *P. aviculare* L., common knotweed, renouée des oiseaux; imported from Eurasia. Many Canadian reports refer to *P. arenastrum*.
4. *P. coccineum* Muhl., scarlet knotweed, renouée écarlate; native, Mack, BC-Que, NS-PEI.
5. *P. convolvulus* L., black bindweed, renouée liseron; imported from Eurasia, natzd., Yukon-Mack, BC-Nfld.
6. *P. erectum* L. (*P. achoreum* Blake), erect knotweed, renouée dressée; native, Yukon-Mack, BC-NB, Nfld.
7. *P. fowleri* Robins.; native, BC, Ont-NS, Nfld, Labr.
8. *P. hydropiperoides* Michx., false water pepper, renouée faux-poivre-d'eau; native, BC, Ont-NS.
9. *P. lapathifolium* L., dock-leaved knotweed, renouée à feuilles de Patience; native, BC-Nfld.
10. *P. pensylvanicum* (L.) Sm., pinkweed, renouée de Pennsylvanie; native, Ont-NS.
11. *P. persicaria* L., heart's-ease, fer à cheval; imported from Eurasia, introduced, BC-Nfld.
12. *P. punctatum* Ell., water smartweed, renouée ponctuée; native, BC, Sask-PEI.
13. *P. ramosissimum* Michx., bushy knotweed, renouée très rameuse; native, BC-PEI.
14. *P. scandens* L. (*P. cristatum* sensu Rouleau), climbing false buckwheat, renouée grimpante; native, Sask-Nfld.
15. *P. spergulariaeforme* Meisn.; native, s. BC.
16. *P. virginianum* L. (*Antenoron v.* (L.) Roberty & Vautier); native, Ont-Que.
17. *P. viviparum* L., alpine bistort, renouée vivipare; native, Yukon-Labr, BC-Que, Nfld.
18. Host species not named, i.e., reported as *Polygonum* sp.

Bostrichonema alpestre (B. polygoni) (C:212): on 17 Frank [1543, 1586], Alta [644], Que [282].

Cercospora avicularis (C:212): on 3 Man, Ont [1353]; on living leaves of 6 Ont [1353].

Erysiphe communis (E. polygoni) (C:212): powdery mildew, blanc: on 3 Mack, NS [1257], BC [1012, 1816]; on 3, 6 Sask, Ont [1257]; on 3, 6, 13 BC, Man, Que [1257]; on 6 Alta [1257].

Peronospora polygoni (C:212): downy mildew, mildiou: on 5 BC [1816].

Pseudorhytisma bistortae (Rhytisma b.) (C:212): on 17 Frank [1244].

Puccinia bistortae (C:212): rust, rouille: II III on 15 Frank [1239]; on 17 Yukon [460], Frank [1244, 1543, 1586], BC [1012, 1816], Alta [644], Que [282]; on 18 Man, Que [1236].

P. phragmitis (C:212): rust, rouille: 0 I on 8, 10 Ont [1236]; on 9, 10 Ont [1238].

P. polygoni-amphibii (C:212): rust, rouille: II III on 1, 4 BC [1012]; on , 4, 5, 8, 9, 14, 18 Ont [1236]; on 1, 12 BC [1816].

P. septentrionalis (C:212): on 17 Que [282].

Ramularia rufomaculans (C:212): on 1 (as *P. phytolaccaefolium*) Yukon [460].

Rhizophydium graminis: on 3 Ont [59].

Septoria polygonorum (C:212): on 11 BC [1416, 1816]; on 18 BC [1416], NB [1032].

Uromyces polygoni-avicularis (C:212): rust, rouille: 0 I II III on 3 BC [1816]; on 3, 6, 8, 13, 18 Ont [1236]; on 5 Ont [1341]; on 7, 15 BC [1012, 1816].

Ustilago bistortarum (C:213): smut, charbon: on 17 Yukon, Frank, Keew [1586], Frank [1244, 1543], Alta [644]. See next species.

U. hydropiperis (Sphacelotheca h.) (C:212): smut, charbon: on 17 Frank [1239]. Recognition of *Sphacelotheca* as a distinct genus does not seem warranted. *U. hydropiperis* occurs on *Polygonum* sect. *Persicaria*, whereas *U. bistortarum* attacks species in sect. *Bistorta* [971].

U. reticulata (C:213): smut, charbon: on 14 BC [1416].

Venturia polygoni-vivipari (C:213): on leaves, petioles and stalks of 17 NWT, Que [73].

Verticillium dahliae: on 11 Ont [1087].

POLYPODIUM L. POLYPODIACEAE

1. *P. glycyrrhiza* Eat. (*P. vulgare* var. *occidentale* (Hook.) Hulten), licorice fern; native, Yukon, BC.
2. *P. virginianum* L., rock polypody, tripe-de-roche; native, Mack, BC-Nfld.

Milesia laeviuscula (Milesina l.) (C:213): rust, rouille: II III on 1 BC [1012, 1816, 2008].

M. pycnograndis (M. polypodophila) (C:213): rust, rouille: II III on 2 Ont [1236], Que [1377].

POLYSTICHUM Roth POLYPODIACEAE

1. *P. munitum* (Kaulf.) Presl; sword fern, fougère épée; native, BC.

Milesia polystichi (Milesina winelandii) (C:213): rust, rouille: II on 1 BC [1012, 1816, 2008].

M. vogesiaca (Milesina v.) (C:213): rust, rouille: II III on 1 BC [1012, 1816, 2008].

Taphrina faulliana (C:213): on 1 BC [1012, 1816].

Valdensia heterodoxa (Asterobolus gaultheriae) (holomorph *Valdensinia h.*): on 1 BC [1438].

Xenasma filicinum: on 1 BC [967].

PONTEDERIA L. PONTEDERIACEAE

1. *P. cordata* L., pickerel weed, glaieul bleu; native, Ont-PEI.

Cercospora pontederiae (C:213): on leaves of 1 Ont [439]. Apparently a species of *Cercosporella*.

POPULUS L. SALICACEAE

1. *P. alba* L., silver poplar, peuplier argenté; imported from Eurasia, spreading from cultivation, BC-Alta, Man-Nfld. 1a. *P. a.* cv. nivea.
2. *P. angustifolia* James, narrowleaf cottonwood, liard amer; native, Alta-Sask.
3. *P. balsamifera* L. (*P. candicans* Ait., *P. tacamahaca* Mill.), balsam poplar, peuplier baumier; native, Yukon-Keew, BC-Nfld, Labr.
4. *P.* x *berolineusis* Dippel *(P. laurifolia* x *P. nigra)*.
5. *P.* x *canadensis* Moench *(P. deltoids* x *P. nigra*, *P.* x *eugenei* Simon-Louis, *P.* x *canadensis* var. *eugenei* (Simon-Louis) Schelle).
6. *P. deltoides* Bartr., cottonwood, liard; native, Alta-Que. 6a. *P. d.* ssp. *d.* (*P. angulata* Ait.). 6b. *P. d.* ssp. *monilifera* (Ait.) Eckenwalder (*P. d.* var. *occidentalis* Rydb., *P. sargentii* Dode) western cottonwood, liard de l'Ouest; native, Alta-Man.
7. *P. grandidentata* Michx., largetooth aspen, grand tremble; native, Man-PEI.
8. *P. jackii* Sarg. *(P. balsamifera* x *P. deltoides)*.
9. *P. laurifolia* Ledeb.; imported from Siberia.
10. *P. maximowiczii* A. Henry; imported from Asia.
11. *P. nigra* L., European black poplar, peuplier noir; imported from Eurasia. 11a. *P. n.* var. *italica* DuRoi, Lombardy poplar, peuplier d'Italie.
12. *P.* x *petrowskyana* (Regel) C.K. Schneid. *(P. deltoidess* x *P. laurifolia)*.
13. *P. tremuloides* Michx., trembling aspen, tremble; native, Yukon-Keew, BC-Nfld, Labr.
14. *P. trichocarpa* Torr. & Gray, western balsam poplar, peuplier baumier de l'Ouest; native, Yukon, BC-Alta.
15. *P. tristis* Fisch., brown-twig poplar, peuplier sombre; imported from c. Asia.
16. Hybrid Poplars: Because of extensive breeding programs, there are large numbers of hybrid poplar which are not common. This group includes: *P.* x *generosa*, *P.* 'I-488', *P.* 'Brooks'10', *P.* 'northwest', etc.
17. Host species not named, i.e., reported as *Populus* sp.

Acanthostigma clintonii (C:214): on 17 Ont [1340].

Acremonium sp.: on 13 Alta [1970].

A. boreale: on 13 BC, Alta, Sask [1707].

A. charticola: on 13 Alta [1970].

Acrodictys globulosa: on 13 Man [1760].

Aegerita sp.: on 14 BC [1012].

Aleurodiscus cerussatus (C:214): on 13 NWT-Alta [1063], Alta [53]; on 17 Man [964]. Lignicolous.

A. lapponicus (C:214): on 17 Man [964]. Associated with a white rot.

Alternaria sp.: on 1 Ont [1340]; on 17 Ont [584], Que [919].

A. alternata (A. tenuis auct.*)* (C:214): on 13 Alta [1970]; on 14 BC [1012].

Alysidium resinae var. *microsporum*: on 13 Sask [1760].

A. resinae var. *resinae*: on 13 Sask, Man [1760].

Amphinema byssoides: on 13 Alta [1828]. See *Abies*.

Antrodia lenis (Poria l.): on 17 NS [1032]. See *Abies*.

A. serialis (Trametes s.): on 13 Ont [1341]. See *Abies*.

A. xantha (Poria x.) (C:220): on 13 BC [1012]; on 17 Ont [1341], NS [1032]. See *Abies*.

Apioplagiostoma populi (Plagiostoma p.) (C:219): on 17 Ont [1340].

Aporpium caryi (C:214): on 13 NWT-Alta [1063], Alta [53]; on 13, 14 BC [1012]; on 17 Ont [1341, 1660], NS [1032]. See *Betula*.

Arachnopeziza sp.: on 14 BC [1012].

Arachnophora excentrica (Acrodictys e.): on 13 Sask, Man, [811, 1756, 1760], Man [808].

Armillaria mellea (C:214): armillaria root rot, pourridié-agaric: on 3, 13 Alta [1801]; on 5 BC [F60]; on 5, 11, 13, 14 BC [1012]; on 7, 13, 17 Ont [1341]; on 13 NWT-Alta [1063], Alta [951, F67, F72], Que [F74]; on 17 Alta [F68], Que [919]. See *Abies*.

Arthrinium sp.: on 13 Alta [1970]. Reported as the *Arthrinium* state of *Apiospora montagnei*.

Ascoryne sarcoides: on 17 Que [919].

Aspergillus sp.: on 14 BC [138]; on 17 Que [919].

Asteromella sp.: on 13 Ont [1827]. See *Phyllosticta brunnea* below.

Athelia pellicularis: on 13 BC [1012]. Lignicolous. See *Abies*.

Aureobasidium sp. (*Pullularia* sp.): on 17 Ont [584].

A. pullulans: on 13 Alta [1970]; on 17 Que [919].

Bactrodesmium spilomeum: on 13 Man [1760].

Basidiodendron deminuta: on 17 Ont [1016]. Lignicolous.

B. eyrei: on 14 BC [1016]. See *Acer*.

B. fulvum (Bourdotia grandinioides): on 14 BC [1012]. Lignicolous.

Basidioradulum radula (Radulum orbiculare): on 17 NS [1032]. See *Abies*.

Beauveria bassiana (C:214): on 13 Alta [1970]; on 14 BC [1012]. Known as a pathogen of insects.

Biatorella sp.: on 13 NWT-Alta [1063].

Bispora sp.: on 17 Que [919].

B. betulina: on 13, 17 Man [1755, 1760].

Bisporella citrina (Helotium c.) (C:216): on 7 Ont [1827]; on 17 BC [1012], Ont [1340].

B. pallescens (Helotium p.): on 13 NWT-Alta [1063].

Bjerkandera adusta (Polyporus a.) (C:219): white mottled rot, carie blanche madrée: on 3, 13 BC [1012], Alta [53, 1801]; on 3, 7, 13, 17 Ont [1341]; on 3, 13, 17 NWT-Alta [1063]; on 7 Ont [830], NS [1032]; on 13 Alta [452]; on 13, 17 NB, NS [1032], Nfld [1659, 1660, 1661]; on 14 BC [1341]; on 17 Ont [1827], Que [919, 1377], PEI [1032].

B. fumosa (Polyporus f.): on 13 NWT-Alta [1063]; on 17 Ont [1341]. See *Acer*.

Boreostereum radiatum (Stereum r.): on 13 NWT-Alta [1063]. Unusual record the fungus typically occurs on gymnosperm wood.

Botryohypochnus isabellinus: on 14 BC [1012]. See *Abies*.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*): on 13 Alta [1970], Sask [1760].

chysporium britannicum: on 13 Man [1760].

B. nigrum: on 13 Sask [827, 1760]; on 13, 17 Man [1760], Ont [827].

B. obovatum: on 17 Ont [828].

Buellia sp.: on 13 Ont [1827]. Possibly *B. stygia* which occurs on *Populus*.

Cacumisporium capitulatum: on 13 Man [1760].

Cadophora sp.: on 14 BC [1012]. Probably a specimen of *Phialophora*.

Calathella erucaeformis: on 17 BC [1424].

Calcarisporium sp.: on 3 NWT-Alta [1063], Mack [53].

Caliciopsis calicioides (C:214): on 3 Sask [F67], Sask, Man [F65]; on 14 BC [1012].

Calocera cornea (C:214): on 13, 14 BC [1012]. See *Acer*.

Candida sp.: on 17 Ont [584].

Catenularia sp.: on 17 Que [919].

Cenangium sp.: on 13 NWT-Alta [1063].

Cephalosporium sp.: on 17 Ont [584], Que [919].

Ceraceomyces serpens: on 13 BC [1012]; on 13, 14 BC [568]; on 17 Man, Ont [568]. See *Abies*.

Ceratocystis sp.: on 3 Sask [F66]; on 13 BC [1012], Ont [1340], Que [F62].

C. capitata: on 3, 7, 13 Ont [647, 1340]; on 13 Man, Ont [1190].

C. crassivaginata: on 7, 13 Ont [647]; on 13 Man, Ont [1190], Ont [1340].

C. fimbriata: on 13 Yukon [727], BC [1012], BC, Man, Ont [1190], Sask, Man [1991, 1990], Sask, Man, Que [F64], Ont [647], Ont, Que [1340], Que [F65, F76]; on 17 Que [F67].

C. moniliformis: on 13 NWT-Alta [1063].

C. pallidobrunnea: on 3, 13 Man [1190].

C. pilifera: on 3, 13 Ont [1340]; on 3, 13, 14 Ont [647]; on 13 Man [1190]; on 14 BC [1340].

C. populicola: on 13 Man [1190].

C. tremulo-aurea: on 13 Man [1190].

C. torticiliata: on 13 Man [1190].

Cercospora populina: on 3 Sask [F65].

Ceriporia purpurea (Poria p.) (C:220): on 13 BC [1012]. See *Alnus*.

C. reticulata (Poria r.) (C:220): on 13 NWT-Alta [1063], Alta [53]. See *Acer*.

C. rhodella (Poria r.) (C:220): on 17 Mack [579]. See *Pinus*.

Cerrena unicolor (Daedalea u.) (C:215): white spongy rot, carie blanche spongieuse: on 13 NWT-Alta [1063], Mack [1110], Alta [53], Que [1391]; on 14 BC [1012]; on 17 Yukon [460], BC [1855], Ont [1341], Que [1377].

Ceuthospora sp.: on 13 Alta [1970].

Chaetomella acutiseta var. *acutiseta*: on 13 Ont [402].

Chaetomium sp.: on 17 Ont [584].

Cheimonophyllum candidissimus (Pleurotus c.): on 17 PEI [1032]. Lignicolous.

Chikaneea holleroniae: on 13 Sask and on 17 Man [1760].

Chloridium sp.: on 3 Sask [F66].

C. chlamydosporum: on 3 Man [1760].

Chlorociboria aeruginascens (Chlorosplenium aeruginosum) (C:214): on 13 NWT-Alta [1063]; on 17 BC [1012], NB, NS [1032].

C. aeruginosa: on 13 NWT-Alta [1063]; on 13, 17 Ont [1340].

Chlorosplenium sp.: on 17 Ont [1340].

Chondrostereum purpureum (Stereum p.) (C:220): silver leaf, plomb: on 3 Alta [1801], Labr [867]; on 3, 13 NWT-Alta [1063]; on 7, 13, 17 Ont [1341]; on 11a, 13, 14 BC [1012]; on 13 Yukon [460] a sight record, Alta [452], NB [1032], NB, NS, PEI [F62], Nfld [1659]; on 13, 17 Nfld [1660, 1661]; on 17 NS [1032]. See *Abies*.

Chrysosporium sp.: on 13 Alta [1970].

Ciboria acerina: on 17 Ont [662].

C. caucus (C:214): on 17 Ont [1590], Ont, Que [662].

Ciborinia sp.: on 3 Ont [1828]; on 3, 7 Ont [1340]; on 13 BC, Man [F62], Alta [F63], Man [F64]; on 17 BC [F63], Alta [F62].

C. bifrons: on 17 Nfld [F61]. This specimen may be *C. whetzelii*.

C. pseudobifrons (C:214): on 13 NWT-Alta [1063]; on 17 Alta [55, F65].

C. whetzelii (Sclerotinia bifrons Whetz.) (C:214): ink spot, tache d'encre: on 3, 5, 11a, 13 Ont [F62]; on 3, 7, 11, 13 Que [1377]; on 3, 13 NWT-Alta [1063], Alta [53], NB, NS, PEI [F70]; on 5 NB, PEI [F63]; on 5, 7, 11a, 13, 17 NB [1032]; on 5, 13, 17 Ont [F66]; on 7, 13 Ont [F73], Ont, Que [F67], NB [F65]; on 7, 13, 17 Ont [1340]; on 11a Que [333]; on 11a, 13 Ont [F63], Que [F61], NB [F73], NS [F64]; on 11a, 13, 16 NS [1032]; on 11a, 17 Que [F62, F64]; on 13 BC [1012], BC, NS [F60], Alta [950], Alta, Sask, Man [F70, F71, F72, F73, F74], Sask, Man [F63, F66, F69], Sask, Man, Que, NS, PEI, Nfld [F65], Ont [F70], Ont, Que [F68], Ont, Que, NB [F71, F72, F74, F75], Que [282, F76], NB [F61, F62], NB, NS [F69], NB, NS, PEI, Nfld [F67, F68, F76], NB, PEI, Nfld [F63, F64], NS, Nfld [F66], NS, Labr [F74], PEI [1032], Nfld [1659, 1660, 1661, F70, F72, F73, F74]; on 13, 16 Ont [F76], Que [F73]; on 16, 17 Alta [F65]; on 17 BC [F65], BC, Alta [F64, F69], Alta [55, F66], Alta, Sask, Man [F67, F68], Sask, Man, Ont, NB [F60], Ont [F65, F72], Ont, Que [F69, F70], Ont, Que, NB, NS [F61], Que [339, 1375, F63, F66].

Cladosporium sp.: on 2 Ont [1828]; on 5 NB [1032]; on 13 Yukon [460], NS [1032]; on 14 BC [1340]; on 17 Que [919].

C. cladosporioides: on 13 Alta [1970].

C. herbarum: on 7 NB [F66]; on 13 Alta [1970], Sask, Man [1760], NS [1032]; on 14 BC [1012].

C. macrocarpum: on 3 Man [1760]; on 13 Alta [1970].

Clavaria sp.: on 17 Ont [1341]. Presumably on rotten wood.

Clavicorona pyxidata: on 17 Ont [408], Que [1385]. See *Betula*.

Climacodon septentrionalis (Steccherinum s.) (C:220): on 13 NWT-Alta [1063]; on 17 Alta [F62]. See *Acer*.

Clitocybe cyathiformis (C:214): on 14 BC [1012].

C. truncicola: on 14 BC [1012].

Coccomyces sp.: on 14 BC [1012].

C. coronatus (C:214): on 13 Ont [1340]; on 17 NS [1032].

C. tumidus: on 13 NS [1609].

Coniochaeta sp.: on 17 Ont [584].

Coniophora olivacea (C:215): on 13 BC [1012]; on 17 Ont [1341]. See *Alnus*.

Coniothyrium sp.: on 17 Ont [584].

Connersia rilstonii: on 17 Ont [1038].

Conoplea fusca (C:215): on 13 Sask, Man [1760]; on 17 Sask [784].

C. geniculata: on 13 Sask [1760]; on 17 Ont [784].

Coprinus sp.: on 14 BC [1012].

C. extinctorius: on 13 Yukon [1921].

C. micaceus (C:215): on decay in live trees of 3 Alta [1801].

Coriolopsis gallica (Trametes hispida) (C:221): on 3, 13, 17 NWT-Alta [1063]; on 13 Yukon [1110], Alta [53, 950]; on 13, 14 BC [1012]; on 14 BC [1341]; on 17 NS [1032]. See *Acer*.

Coriolus hirsutus (Polyporus h.) (C:219): white spongy rot, carie blanche spongieuse: on 3, 13, 17 Ont [1341]; on 7, 13 NB [1032]; on 13 NWT-Alta [1063], Nfld [1661]; on 17 Alta [426].

C. pubescens (Polyporus p., P. velutinus) (C:219, 220): white spongy rot, carie blanche spongieuse: on 3, 13, 17 NWT-Alta [1063]; on 13 BC [1012], Nfld [1659, 1660, 1661]; on 13, 17 Ont [1341]; on 17 Que [1385], NB, NS [1032].

C. versicolor (Polyporus v.) (C:220): on 7, 13, 17 Ont [1341]; on 13 NWT-Alta [1063], BC [1012], NB [1032]; on 17 NB, NS [1032], Nfld [1659, 1660, 1661]. See *Abies*.

C. zonatus (Polyporus z.): on 3 Alta [951]; on 3, 13 Yukon [F63, 460]; on 13 BC [1012], Alta [53, 452, 1801], NB [1032], NB, NS, PEI [F62]; on 17 Que [919], NB, NS [1032]. See *Betula*.

Corticium sp.: on 7, 13 Ont [1341]; on 13 NS [1032]; on 13, 17 NWT-Alta [1063].

Coryne sp.: on 13 Alta [452].

Costantinella micheneri: on 17 Ont [1340].

C. terrestre: on 3, 13 Man [1760].

Crepidotus cinnabarinus (C:215): on 3 Alta [1732]; on 17 Alta, Man [1017].

C. herbarum (C:215): on 14 BC [1012].

C. mollis (C. fulvotomentosus) (C:215): on 13 NS [1032]; on 14 BC [1012]; on 17 NB, NS, PEI [1032], Nfld [1659, 1660]. Associated with a white rot.

C. pubescens: on 17 PEI [1032]. Specimen possibly *C. herbarum*.

C. *sepiarius* (C:215): on 17 PEI [1032]. Specimens which were the basis of this report and the Manitoba record in Conners have been redetermined (S.A. Redhead) as *Simocybe haustellaris*.

Cristinia helvetica: on 14 BC [1012]. See *Pinus*.

Crustoderma dryinum: on 13 BC [1012]. See *Abies*.

Crustomyces pini-canadensis (Corticium p.) (C:215): on 17 PEI [1032]. Lignicolous.

Cryptodiaporthe sp.: on 11a Que [F66]; on 13 BC [1012].

C. *populea* (anamorph *Dothichiza populea*): on 5 Ont [1827, F69]; on 5, 11a NB, NS, PEI [F68]; on 6 Que [184]; on 11a NS [F70].

C. *salicella* (anamorph *Diplodina microsperma*): on 5, 13, 14 BC [1012].

C. *salicina*: on 11a Ont [1340]; on 13 Ont [1827]. See comment under *Salix*.

Cryptosphaeria populina (C:215): on 3 Alta [F69]; on 3, 13, 14 BC [727]; on 13 Yukon [727], Ont [1340]; on 13, 14 BC [1012].

Cryptosporiopsis scutellata (Myxosporium s.) (holomorph *Ocellaria ocellata*): on 13 BC [F63]; on 13, 17 Ont [1340].

Cryptosporium sp.: on 1, 17 BC [F62]; on 17 BC [F63].

Cucurbitaria staphula (C:215): limb gall, tumeur des branches: on 3 Alta [F69]; on 3, 13 Sask [12, 16]; on 13 Yukon [727], Alta [F68], Sask [F63]; on 14 BC [1012], Sask [1989]; on 17 Sask [F67], Sask, Man [F61, F62].

Cylindrobasidium evolvens (Corticium e., C. laeve) (C:215): on 13 Alta [1801], NB, NS [1032]; on 14 BC [1012]; on 17 Que [969], NS, PEI [1032]. See *Abies*.

Cylindrocarpon destructans: on 3, 13 Man [1760].

C. *orthosporum*: on 3, 13 Man [1760].

Cylindrosporium sp.: on 3 Ont [1340].

C. *populinum*: on 7 Ont [1340].

C. *saximontanense*: on 2 Alta [F68].

Cylindrotrichum oligospermum: on 13 Man [1760].

Cyphellopsis anomala (Solenia a.): on 14 BC [1012]; on 17 BC [1424], NS [1032]. See *Alnus*.

C. *confusa*: on 17 BC [1424].

Cystostereum murraii: on 7 NS [1032]; on 13 Ont [1341]; on 17 NB [1032]. See *Acer*.

Cytidia salicina (C:215): on 13 NB [1032]. Lignicolous.

Cytospora sp.: on 1, 3, 11a, 13 Ont [1340]; on 3 Sask [F67]; on 3, 5, 12, 13, 14, 15, 16, BC [1012]; on 7, 13 Ont [1827]; on 13 Alta [452], NB, NS [1032]; on 17 Yukon [460], NWT-Alta [1063], Alta [337], Ont [584], Que [919], NB [1032].

C. *chrysosperma* (holomorph *Valsa sordida*) (C:215): canker, chancre cytosporéen: on 1, 3, 5, 13, 17 Ont [1340]; on 1, 3, 15, 16 Sask [F68]; on 1, 17 Alta [F65]; on 3, 13 Ont [F72]; on 3, 13, 17 Alta [1594]; on 5 Ont [1827]; on 5, 14 BC [154]; on 6b Alta [F64]; on 7 Man [F69]; on 11a Que [333], Nfld [1660, F75]; on 13 NWT [1970], NWT, Mack, Ont [F64], Alta [452, 952], Sask, Man [F62, F63], Man [F68], Ont [F70, F73, 1828], NS [F63], Nfld [F76]; on 13, 17 Yukon [727], Sask [F65, F67]; on 16 Sask, Man [1594], Man [F73]; on 17 Alta [338, 339, F62, F63], Sask [1151, 1595], Ont [1763, F69], Que [F67].

Cytosporella sp.: on 13 Ont [1828].

Dactylospora stygia (Karschia s.): on 17 Ont [1340].

Daedaleopsis confragosa (Daedalea c.) (C:215): on 13 NB [1032]; on 14 BC [1012]. See *Acer*.

Dasyscyphus corticalis (Lachnella c.): on 17 NS [1032].

D. *virgineus (Lachnella v.)*: on 17 Ont [1340].

Datronia mollis (Trametes m.) (C:221): on 14 BC [1012]. See *Acer*.

D. *stereoides (Polyporus planellus)*: on 13 Alta, Sask [579]. See *Alnus*.

Dendrothele griseo-cana (Aleurocorticium g.): on 3 Ont [965]. Lignicolous.

D. *macrospora (Aleurocorticium m.)*: on 17 NWT-Alta [1063].

Dendryphion nanum: on 17 Man [1760].

Dendryphiopsis atra (holomorph *Microthelia incrustans*): on 2, 13 Sask, Man [1760].

Diaporthe sp.: on 5, 14 BC [1012].

Dicoccum sp.: on 17 Ont [584].

Dictyosporium oblongum: on 13 Sask, Man [1760].

Didymium iridis: on 13 NWT-Alta [1063], Alta [53].

Dinemasporium canadense: on 17 Ont [1032].

Diplococcium spicatum: on 13 Man [1760].

Diplodia sp.: on 1 Ont [1340]; on 11a Que [F66].

D. *tumefaciens (Macrophoma t.)* (C:217): branch gall, tumeur des branches: on 3 Alta [F65], Sask, Man [1987, 1994, F67], Man [1998, F73], Ont [F74]; on 3, 6, 11, 13 Man [1992]; on 3, 13 NWT-Alta [1063], Alta [1995, F64], Sask [16, 1988], Sask, Man [F63, F64], Man [F68]; on 13 Mack [53], BC [F74], Alta [16, F68], Sask [F65], Sask, Man [F67], Man [1988, F72], Ont [1340], Que [F69]; on 13, 14 BC [1012]; on 13, 17 Alta, Ont [1988]; on 14 BC [16, 1988, F61]; on 16 Sask, Man [1998]; on 17 Sask, Man [F61, F62], Man [F60], Ont [16, 1371].

Discina ancilis (D. perlata): on 14 BC [1012, F68].

Discosporium populeum (Dothichiza populea) (holomorph *Cryptodiaporthe populea*) (C:215): canker, chancre dothichizéen: on 1 Ont [1828]; on 1, 5, 11a Ont [339, F66]; on 1a, 3, 11a Ont [1340]; on 3 Ont [339]; on 5 Ont [F76], NB [F64]; on 5, 11a Ont [F68], NB, PEI [1032]; on 5, 17 Ont [F64]; on 6, 11a Ont [F74]; on 11 NB [1032]; on 11, 17 Que [1377]; on 11a Ont [338, 1827, F73, F61], Que [336, 339, F61, F66], NS [333, 337, 1032], Nfld [F75, F76]; on 11a, 16 Ont [F75]; on 11a, 17 Ont [F62].

Dothiora sphaerioides (C:215): on 13, 17 Ont [1340].

Dothiorella canadensis: on dead branches of 17 Ont [441].

Drepanopeziza sp.: on 3 Alta [951]; on 13 Alta [950, 952].

D. populi-albae (anamorph *Marssonina castagnei*): on 1 BC [1012].

D. populorum (anamorph *Marssonina populi*): on 3 Alta [644, 950]; on 6, 7, 16 Que [185]; on 13 Alta [F75], Alta, Sask [F71, F74], Sask [F65, F66, F70, F73], Sask, Man [F68], Man [F67, F69]; on 13, 14 BC [1012]; on 13, 17 Sask [F67]; on 17 Alta [839].

D. tremulae (anamorph *Marssonina brunnea*): on 7, 13, NB, NS [F69]; on 13 NB, NS [F73, F76], NB [F75].

Eichleriella deglubens (E. spinulosa) (C:215): on 3, 13 NWT-Alta [1063], Mack [53]; on 13 Alta [53]; on 14 BC [1012]. Associated with a white rot.

E. leveilliana: on 17 Ont [1341]. Lignicolous.

Endophragmia glanduliformis: on 13 Sask [1760].

Endophragmiella bisbyi: on 13 Man [801, 1760].

E. biseptata (Endophragmia nannfeldtii): on 13 Sask [1760], Man [802]; on 13, 17 Sask [802].

E. fuliginosa (Acrodictys f.): on 3, 13 Sask, Man [1756, 1760]; on 13 Sask [808]; on 17 Sask, Man [1760], Man [1756].

E. pallescens: on 13 Man [799].

Epicoccum sp.: on 14 BC [138]; on 17 Ont [584].

E. purpurascens: on 3 Sask [1760]; on 13 Alta [1970].

Eutypa acharii (C:216): dieback, dépérissement eutypéen: on 3 Sask, Man [F67]; on 7 Ont [F64]; on 11a, 17 Ont [1340]; on 13 Ont [1828]; on 14 BC [1012].

Exidia glandulosa (E. spiculosa) (C:216): on 13 Ont [1341], NB [1032], Nfld [1659, 1660]; on 14 BC [1012]. Lignicolous.

E. nucleata: on 17 NS [1032]. Lignicolous.

Exidiopsis grisea: on 17 BC [1012]. Lignicolous.

Favolus alveolaris (C:216): on 17 Ont [1341]. See *Acer*.

Flagelloscypha citrispora: on 17 BC [1424]. Lignicolous.

Flammula sp.: on 14 BC [1012].

Flammulina velutipes (Collybia v.) (C:214): white spongy rot, carie blanche spongieuse; on 13 NWT-Alta [1063], BC [1012], Alta [1801] decay of live trees; on stumps and dead trunks, sometimes on dead parts of live trees of 17 Que [1385].

Flaviporus semisupina (Polyporus s.): on 17 NB [1036]. See *Betula*.

Fomes fomentarius (C:216): white mottled rot, carie blanche madrée: on 3 BC [F60], Ont [1377]; on 3, 13 NWT-Alta [1063], Alta [53]; on 3, 14 BC [1012]; on 7, 17 NS [1032]; decay in live trees of 13 Alta [1801]; on 13, 17 Ont [1341].

Fomitopsis cajanderi (Fomes c., F. subroseus): on 13 BC [1012, F67]. See *Abies*.

F. pinicola (Fomes p.) (C:216): brown cubical rot, carie brune cubique: on 3, 13, 17 NWT-Alta [1063]; on 5, 13, 17 Ont [1341]; on 13 Alta [950, 1801 decay in live tree]; on 13, 14 BC [1012]; on 13, 17 Alta [53], NS [1032].

F. rosea (Fomes r.): on 17 NB [1032]. See *Abies*.

Fumago sp.: on 13 NWT-Alta [1063].

Fusarium sp.: on 17 Que [919].

F. avenaceum: on 6 Que [184].

F. lateritium (C:216): canker, chancre fusarien: on 5, 13 BC [1012].

F. solani (holomorph *Nectria haematococca*) (C:216): on 6 Que [184].

Fusidium sp.: on 17 Que [919].

Ganoderma applanatum (Fomes a.) (C:216): white mottled rot, carie blanche madrée: on 3 Yukon [460, 1110], Mack, Alta [53], Nfld [1659, 1661]; on 3, 5, 7, 11, 13 Que [1377]; on 3, 13 Sask, Man [F67], Nfld [1660]; on 3, 13, 14 NWT-Alta [1063]; on 7, 13, 17 Ont [1341]; on 13 NB, PEI [1032]; on 13, 14 BC [1012]; on 17 NB, NS [1032]. Poplar shavings fermented by this fungus were nutritionally equivalent to low quality timothy hay when fed to livestock at levels of 30% or less of the diet.

Geotrichum candidum: on 3, 13 Man [1760].

Gloeocystidiellum karstenii (Gloeocystidium k.) (C:216): on 14 BC [1012]; on 17 Que [919], NB, PEI [1032]. See *Acer*.

G. leucoxanthum: on 13 NWT-Alta [1063], Alta [53]. See *Acer*.

G. porosum: on 14 BC [1012]. See *Acer*.

Gloeodontia discolor (Odontia eriozona): on 13 NWT-Alta [1063], Alta [53]. Lignicolous.

Gloeophyllum odoratum (Trametes o.): on 17 Ont [1341]. See *Abies*.

G. sepiarium (Lenzites s.) (C:217): brown cubical rot, carie brune cubique: on 3, 13 NWT-Alta [1063]; on 13 BC [1012], Alta [53], Que [1391], NS [1032]; on 17 NB [1032].

Gloeoporus dichrous: on 13, 14 BC [1012]. See *Acer*.

G. pannocinctus (Poria p.): on 13 Mack [1110]. See *Alnus*.

Gloeosporium sp.: on 11a NS [1032]; on 17 Man [F60], Que [F61].

Gloiodon strigosus: on 7 Que [F73]. See *Fraxinus*.

Glyphium corrugatum: on 13 BC, Alta, Sask [589].

G. leptothecium: on 13 Sask and on 13, 17 Alta [1759].

Godronia cassandrae f. *betulicola*: on 13 Que [684, F68]. See comment under *Alnus*.

G. fuliginosa: on 13 Que [1680, 1684, F68].

Graphium sp.: on 13 BC [1012]; on 17 Que [919].

Guignardia populi (anamorph *Septogloeum rhopaloideum*): on 13 Yukon [F63, 477], BC [1012], Que [F75], NB, NS [1032].
Gymnopilus spectabilis (Pholiota s.) (C:219): on 3, 13 NWT-Alta [1063], BC [1012], Alta [1801] decay in live trees; on 13 Ont [831]; on 17 NB [1032]. See *Acer*.
Haematostereum rugosum (Stereum r.): on 17 NB, NS [1032]. See *Abies*.
H. sanguinolentum (Stereum s.): on 3 NWT-Alta [1063]. See *Abies*.
Hapalopilus nidulans (Polyporus n.) (C:219): on 13 BC [1012]. See *Abies*.
Haplographium sp.: on 17 Ont [584].
H. delicatum (holomorph *Hyaloscypha dematiicola*): on 13 Sask, Man [1760].
Haploporus odorus (Trametes o.): on 13 NWT-Alta [1063]. See *Alnus*.
Helicomyces scandens: on 13 Sask, Man [1760].
Hericium sp.: on 17 Ont [584].
H. americanum (H. coralloides N. Am. auct.*)*: on 3 NWT-Alta [1063]. See *Acer*.
H. coralloides (H. laciniatum, H. ramosum) (C:216): white spongy rot, carie blanche spongieuse: on 3 NWT-Alta [1063], BC [F74]; on 3, 13, 14 BC [1012]; on 17 Alta [712, F62 on spruce (sic)], Que [1385].
Heterochaetella dubia (C:216): on 17 Ont [1015]. Lignicolous.
Hormodendrum sp.: on 17 Ont [584].
Hymenochaete agglutinans: on 17 PEI [1032]. A sterile state of *H. corrugata*. See *Alnus*.
H. corrugata: on 7, 13 Ont [1341]; on 17 PEI [1032]. See *Abies*.
H. spreta (C:216): on 17 BC [1012]. See *Acer*.
H. tabacina (C:216): on 7 Ont [1827]; on 13 Alta [1801], Nfld [1659, 1660, 1661]; on 13, 17 Ont [1341]; on 17 NB, NS [1032]. See *Abies*.
Hyphoderma inusitata (Peniophora i.) (C:218): on 14 BC [1012]. Lignicolous.
H. mutatum (Peniophora m.) (C:218): on 13 NB [1032]; on 13, 14 BC [1012]; on 17 Ont [1341], NB, NS, PEI [1032]. See *Acer*.
H. populneum (Peniophora p.) (C:218): on 13 Nfld [1659, 1660, 1661]. Associated with a white rot.
H. puberum (Phlebia p.): on 17 NS [1032]. See *Abies*.
H. sambuci: on 14 BC [1012]. See *Acer*.
H. setigerum: on 14 BC [1012]. See *Abies*.
Hyphodontia sp.: on 17 Ont [1341].
H. alutacea: on 17 Ont [1341]. See *Abies*.
H. arguta: on 14 BC [1012]. See *Abies*.
H. setulosa (Steccherinum s.): on 13 Mack [1110].
H. spathulata (Odontia s.) (C:218): on 13 BC [1012]. See *Abies*.
Hypochnicium analogum: on 14 BC [1012]. See *Acer*.
H. bombycinum (Corticium b.): on 13 Mack [1110]. See *Acer*.
H. vellereum (Corticium v.) (C:215): decay in live trees of 3 Alta [1801]; on 14 BC [1012]. See *Acer*.
Hypoxylon sp.: on 11a, 13 NB [1032]; on 17 NB, PEI [1032].
H. deustum: on 7 Ont [1340].
H. fuscum (C:216): on 3 Sask [F67].
H. mammatum (H. pruinatum) (C:216): hypoxylon canker, chancre hypoxylonien: on 3 NB [1032, F74]; on 3, 13 NWT-Alta [1063]; on 3, 17 Ont [F65]; on 7 Ont [F69, F73], Ont, NB, NS [F68]; on 7, 13 Que [778], NS [F67]; on 7, 13, 17 Ont [1340]; on 13 Mack, Alta [53], BC [137, 1012], Alta [52, 839, 950], Alta, Sask, Man [F69, F70, F74], Alta, Sask, Ont, Que, NB, NS [F73], Alta, Man, Que [F72], Sask [F65, 139], Sask, Man [F66, F67], Sask, Ont, Que [F68], Ont [357, 1827, F63, F66, F69], Ont, Que [F71], Ont, Que, NB [F75, F76], Que [728, 779, 1376, 1377], NB, NS, PEI [1032, F65, F66, F68], NS [F76]; on 13, 17 Alta, Sask, Man [F71], PEI [1032]; on 17 Mack [F62], Alta [338, F63, F65, F68], Sask, Man, Ont [F64], Ont, Que [F67], Que [1385, F66, F74]. One of the most serious diseases of poplars. Older cankers kill by girdling stems and branches. The average annual loss due to tree mortality from 1977-1981 was 11.2 million cubic metres of wood.
H. rubiginosum (C:217): on 13 Sask [F67]; on 17 Ont [1340].
H. serpens (C:217): on 13 BC [1012]; on 17 Ont [1340].
Hypsizygus ulmarius (Pleurotus u.) (C:219): on 13, 17 Ont [1341].
Hysterium pulicare (C:217): on 11a NS [1032].
Hysterographium fraxini: on 13 Man [F66].
H. mori (C:217): on 17 NS [1032].
Illosporium sp.: on 17 Ont [584].
Inonotus cuticularis (Polyporus c.) (C:219): white stringy rot, carie blanche filandreuse: on 3, 13 BC [1012]; on 7, 13, 17 Ont [1341].
I. glomeratus (Polyporus g.) (C:219): on 3 Ont [1341]; on 3, 13 BC [1012]. See *Acer*.
I. radiatus (Polyporus r.): on 13 BC [1110]. See *Acer*.
I. rheades (Polyporus vulpinus, P. dryophilus var. *v.)* (C:219): white pocket rot, carie blanche alvéolaire: on 7 Que [F64]; on 7, 13, 17 Ont [1341], NS [1032]; on 13 Mack [1110], BC [1012], Man [579]; on 13, 17 NB [1032]; on 17 Mack [579], BC [1014].
Irpex lacteus (Polyporus tulipiferae) (C:220): white spongy rot, carie blanche spongieuse: on 3 NWT-Alta [1063]; on 7, 13 Ont [1341]; on 14 BC [1341]; on 17 NB, NS [1032].
Junghuhnia nitida (Poria attenuata, P. eupora) (C:220): on 13 BC [1012]; on 17 Ont [1004], NB [1032]. See *Acer*.
Kirschsteiniella sp.: on 17 Que [919].

Kuehneromyces mutabilis: on 13, 14 BC [1012]. See *Alnus*.

Laeticorticium sp.: on 7 Ont [1341]; on 13 Ont [1827].

L. lundellii (Dendrocorticium l.): on 3 Alta [930]. Lignicolous.

L. roseum (Aleurodiscus r.) (C:214): on 7 Ont [F66]; on 7, 13, 17 Ont [1341]; on 13 Ont [930, 1660, 1827]; on 13, 14 BC [1012]. See *Acer*.

L. violaceum (Dendrocorticium v.): on 17 Ont [930]. Lignicolous.

Lasiosphaeria hirsuta (C:217): on 17 Ont [1340].

L. pezicula: on 17 Ont [1340].

L. sulphurella: on 17 Ont [1340].

Laxitextum bicolor: on 13 Ont [1341]; on 17 NS [1032]. Lignicolous.

Leciographa gallicola (anamorph *Seimatosporium etheridgei*): on 13 BC, Alta, Sask, Man [515].

Lentinellus cochleatus (Lentinus c.): on 13 BC [1012]. See *Acer*.

L. vulpinus (Lentinus v.) (C:217): on 11a NS [1032]; on 14 BC [1012]. Similar to *L. ursinus*. The latter is associated with a white rot.

Lenzites betulina (C:217): on 13 NWT-Alta [1063], Que [1391]; on 17 Ont [1341], NS [1032]. See *Acer*.

Leptographium sp.: on 13 BC [1012]; on 17 Que [919].

Leptosphaeria sp.: on 13 Ont [1340].

Leucogyrophana olivascens: on 17 Ont [581]. Associated with a brown rot.

Leucostoma nivea (Valsa n.) (anamorph *Cytospora n.*) (C:221): canker, chancre cytosporéen: on 3, 7 NS [1032]; on 6 Que [184]; on 13 Ont [1340], NB, NS, PEI [1032].

Libertella sp. (C:217): on 3, 13 Alta [1801]; on 13 Alta [452]; on 17 Ont [584], Que [919], NB [1032].

Linospora tetraspora (C:217): leaf blight, brûlure des feuilles: on 3 NWT-Alta [1063], Mack, Que [F67], Alta [53], Alta, Sask, Man [F65, F66, F67, F68, F70, F71, F72], Alta, Man [F64], Sask [839, F74], Sask, Man [F69, F73], Ont [1340, 1827, F65, F68, F69, F72], Ont, Que [79, F63, F64, F74, F76], Que [1377, F61, F62]; on 14 BC [1012]; on 17 BC, Alta [79].

Lophiostoma caespitosum: on 17 Ont [1340].

Lophiotricha viridicoma: on 17 Ont [1340].

Margarinomyces sp.: on 17 Que [1377].

Marssonina sp.: on 5 Ont [1340]; on 13 Sask, Man [F62, F63], Man [F64]; on 16 Alta, Sask [857].

M. brunnea (holomorph *Drepanopeziza tremulae*) (C:217): leaf spot, tache des feuilles: on 1, 3, 13, 16 BC [1012]; on 1, 13, 17 Yukon, BC [F62]; on 3 BC, Ont, Que, NS [1346]; on 5, 13 NS [1032]; on 6 Ont [1346]; on 7 Ont, NB, NS [1346]; on 7, 13 NB [1032]; on 13 Yukon, BC, Alta, Sask, Ont, Que, NB [1346], BC [F73], NB [F62], Yukon [460]; on 17 BC [F63, F64], Que [F73]. This pathogen can be seed borne.

M. castagnei (holomorph *Drepanopeziza populi-albae*) (C:217): on 1 BC, Ont, Que, NS [1347].

M. populi (holomorph *Drepanopeziza populorum*) (C:217): on 1a, 3, 5, 6, 7, 11a, 12, 13, 14, 16, 17 Que [185]; on 3 NWT-Alta [1063], Ont [F69], Ont, Que [F72], Que [1348]; on 3, 6 Ont [1348]; on 5 Ont [1827, F76]; on 6 Que [339]; on 13 Que [F66, F67], NS [333]; on 13, 14 BC [1348]; on 13 17 Ont [F64], Que [F72]; on 17 Yukon [727], Sask, Alta [225], Ont [1340, F76].

M. rhabdospora (holomorph *Pleuroceras populi*) (C:217): on 7 Ont [1340, F74].

M. tremuloides (C:217): on 13 NWT-Alta [1063], Mack [F61], Mack, Alta [53], Alta [951, F70]; on 17 Yukon, Mack, Alta [F66], Yukon, Alta [F68, F69], Alta [F60, F62, F64, F65, F67].

Massaria salilliformis (C:217): on 7 NS [1032].

Melampsora sp. (C:217): rust, rouille: on 1 BC [1125]; on 1, 13, 16 BC [F61]; on 7, 13 NB, NS, PEI [F68]; on 13 Sask [1341], Nfld [1660, 1661, F70]; on 17 BC [F76], Ont [1827].

M. abietis-canadensis (C:217): leaf rust, rouille des feuilles: II III on 6, 7, 13, 17 Ont [1236]; on 7 Ont [1827, F69], PEI [1032]; on 7, 13 Que [1377], NB, NS [1032]; on 7, 13, 17 Ont [1341]; on 13 Man [F67], Que [282], Nfld [1659, 1660, 1661].

M. ?larici-tremulae (C:217): on 17 Ont [1236].

M. medusae (M. albertensis) (C:217): leaf rust, rouille des feuilles: II III on 3 Alta [952, F64, F65], Man [1838]; on 3, 5, 17 Que [1377]; on 3, 6, 6b, 13, 16, 17 Ont [1236]; on 3, 6, 13 Ont [1828]; on 3, 13, 17 NWT-Alta [1063]; on 5, 13 Ont [1341]; on 6, 8, 13, 17 Que [F73]; on 6, 13 Ont [F70]; on 7, 13 BC [F61], Ont, Que [F72], Que [F76], NS [1032]; on 13, 14 BC [1341, F62]; on 13, 16 Que [F67]; on 13, 17 Alta [950]; on 13 Yukon [F61, 460], NWT, Alta [2002], Mack [F63], Mack, Alta [53], BC [1012, 1064, 1125, 2002, F70], Alta [644, 951, 952], Sask, Man [F67, F68, F69], Sask, Man, Que [F71], Ont [F73], Que [282, F65, F74, F75], Que, NB, NS [F69, F70], PEI [1032, F69]; on 17 Yukon, Mack, BC, Alta, Sask, Man [2008], BC, Alta [F65], Alta, Sask [339], Alta, Sask, Man, Que [F70], Sask [F60], Sask, Man, Que [F66], Man [F72], Que [F62, F69].

M. occidentalis (C:217): leaf rust, rouille des feuilles: on 3 Alta [950, F70]; on 3, 14, 17 NWT-Alta [1063]; on 5, 14, 16, 17 BC [1012]; on 13, 14 BC [F62]; on 14 BC [138, 1125, 2002, F60, F66, F70], Alta [F61]; on 14, 17 BC [1341, F65]; on 17 BC, Alta, Sask [2008], Alta [338, 339, 952, F63], Sask [F66, F67].

M. pinitorqua: on 1, 16 BC [2001] by inoculation; on 13 BC [F61]. This fungus was later shown to be *M. medusae* [1125].

Melanconis apocrypta (C:217): on 17 NS [1032].

Melanconium sp.: on 5 BC [1012]; on 13, 17 Ont [1340]; on 17 Sask, Man [F60].

M. populinum: on 3 Ont [1340].

Melanomma sp.: on 1 BC [1012].

Menispora glauca: on 17 BC [826].

M. tortuosa: on 17 Ont [826].

Meruliopsis corium: on 14 BC [568, 1012]. See *Acer*.

Merulius tremellosus (C:217): on NWT-Alta [1063], Alta [1801] decay in live trees, Sask, Man [568], NB [1032]; on 17 Ont [568, 1341, 1660]. See *Abies*.

Metulodontia nivea: on 13 BC [1012]. See *Abies*.

Monodictys levis: on 3, 13, 17 Man and on 13 Sask [1760].

M. nitens: on 13 Sask, Man [1760].

Mucor sp.: on 17 Ont [584], Que [919].

Multiclavula mucida: on rotten wood of 17 Que [1385].

Mycoacia fuscoatra (Odontia f.) (C:218): on 17 Ont [1341], NS [1032]. See *Acer*.

Mycosphaerella sp.: on 7, 17 Ont [1340]; on 13 Nfld [1661, F68].

M. populicola (anamorph *Septoria p.*) (C:218): on 3 NWT-Alta [1063], Mack [53, F66], Alta [F67], Alta, Sask [F72], Sask, Man [F73], Que [1377, F61], NB [1032, F76]; on 3, 17 Man [1996]; on 14 BC [1012, F71]; on 17 Man [F72], Que [F73].

M. populorum (anamorph *Septoria musiva*) (C:218): leaf spot and canker, tache des feuilles et chancre septorien: on 3 Alta, Sask [F71, F72, F74], Sask, Man [F70], Ont [F63], Que [1377]; on 3, 11a Que [F73]; on 3, 13 Que [F74]; on 3, 17 NWT-Alta [1063], Man [1996], Ont [1340]; on 13 NB [1032]; on 14 BC [1012]; on 17 Man [F72], Que [F62].

Nectria sp.: on 13 Ont [1340]; on 17 Ont [F61].

N. cinnabarina (anamorph *Tubercularia vulgaris*): on 13 Ont [1340], Que [282]; on 17 NWT-Alta [1063].

N. coryli: on 13 Que [F67].

N. dittisma: on 13 Ont [1827, F69].

N. galligena (C:218): canker, chancre nectrien: on 13 Man [1993], Ont [1340, 1660]; on 13, 17 NS [1032].

N. inventa (anamorph *Verticillium tenerum*): on 14 BC [1012].

Nidularia sp.: on 13 NWT-Alta [1063].

Ocellaria ocellata (Pezicula o.) (anamorph *Cryptosporiopsis scutellata*) (C:218): on 1, 7, 13, 17 Ont [1340]; on 13 NWT-Alta [1063], Sask, Man [F66], Ont [1828, F63], Que [F62], NS [1032]; on 17 NB [1032].

Oidiodendron sp.: on 13 Alta [1970].

Oidium curtisii: on 17 BC [1012].

Oxyporus corticola (Poria c.) (C:220): on 13 BC [1012]; on 17 NS [1032]. See *Abies*.

O. latemarginata (Poria ambigua) (C:220): on 17 NS [1032]. See *Acer*.

O. similis (Poria s.): on 3 NS [1036]. Associated with a white rot.

Paecilomyces farinosus: on 13 Alta [1970].

Panellus rigens (Panus salicinus) (C:218): on 17 BC [1012].

P. stipticus (Panus s.) (C:218): on 13 Nfld [1659, 1660, 1661]; on 17 NB [1032]. See *Alnus*.

Panus rudis (C:218): on 13 Ont [1341]; on 13, 14 BC [1012]. See *Acer*.

Papularia sp.: on 17 Que [919].

Parkerella populi: on 3, 13 BC [1012]; on 13 BC [511].

Parmastomyces transmutans (Polyporus subcartilagineus): on 13 Mack [1110]. See *Abies*.

Pellidiscus pallidus: on 17 BC [1424].

Penicillium sp.: on 13 Alta [1970]; on 17 Ont [584, 1340], Que [919].

Peniophora sp.: on 5 BC [1012]; on 13 NWT-Alta [1063], Nfld [1659, 1660, 1661].

P. albobadia (Stereum a.): on 13 NWT-Alta [1063]. Presumably a misidentification as the species is known only from the eastern United States.

P. aurantiaca (C:218): on 14 BC [1012]. Lignicolous.

P. cinerea: on 7, 13 Ont [973]; on 17 NS [1032]. See *Abies*.

P. nuda: on 13 NB and on 17 PEI [1032]. Lignicolous.

P. polygonia (Corticium p.) (C:218): white spongy rot, carie blanche spongieuse: on 7, 13 Ont [1341]; on 13 Yukon [460], NWT-Alta [1063], BC [953, 954], Alta [53, 452, 950, 951, 952, 1801 decay in live trees], Man [1884], Ont [831], NS [1032], Labr [F73]; on 13, 14 BC [1012]; on 17 Alta [1063, F62], Ont [969, 1827], Que [919], Nfld [1659, 1660, 1661].

P. rufa (Cryptochaete r.) (C:218): on 3, 13 Mack [53]; on 3, 13, 14 BC [1012]; 3, 13, 17 NWT-Alta [1063], Ont [1341]; on 7, 17 Ont [1341]; on 13 Yukon [460], Alta [53, 950, 951], Que [282], Nfld [1661]; on 13, 17 NB, NS, PEI [1032], Nfld [1659, 1660]; on 17 Que [969]. Associated with a white rot of dead branches.

Petriella musispora: on 7 Ont [1037a].

Peyronelia sp.: on 13 Sask [1760].

Pezicula populi (Neofabraea p.) (C:218): on 1, 5, 13, 14 BC [1012]; on 5 Que [F63]; on 13 Ont [1340], Ont, Que [F62], Que [F68].

Peziza badioconfusa: on 17 Ont [573].

P. emileia: on 14 BC [1012].

P. repanda (C:218): on 14 BC [1012].

Phaeoisaria sparsa: on 3, 13 Man [1760].

Phaeomarasmius erinaceus: on 13 Ont [1434].

P. rhombosporus: on 13 Ont, NB and on 17 Ont [1041].

Phaeoramularia maculicola (Cladosporium subsessile) (C:214): leaf spot, tache des feuilles: on 7 Ont, Que [1758], Ont [F63]; on 7, 13, 17 Ont [1340]; on 13

NWT-Alta [1063], BC [1012], BC, Sask, Man, Ont, Que, Nfld [1758], Alta, Sask [F73], Sask [F69, F71], Sask, Man, [1760], Man [F70], Ont [F64, F68], Que [1377], Nfld [1661]; on 14 BC [1012 as "sessile", 1758]; on 17 Ont [1758].

Phanerochaete carnosa (Peniophora c.) (C:218): on 14 BC [1012]; on 17 NS [1032]. See *Abies*.

P. laevis (Peniophora affinis): on 17 NB [1032]. See *Acer*.

P. sanguinea (Peniophora s.) (C:218): on 13 BC [1012]. See *Abies*.

P. sordida (Peniophora cremea) (C:218): on 13, 14 BC [1012]. See *Abies*.

P. tuberculata (Corticium t.) (C:215): on 14 BC [1012]. Lignicolous.

Phellinus conchatus (Fomes c.) (C:216): on 13 NB [1032]; on 17 Que [919]. See *Acer*.

P. ferreus (Poria f.) (C:220): on 13, 17 NB [1032]. See *Acer*.

P. ferruginosus (Poria f.) (C:220): on 13 NWT-Alta [1063], Mack [1110], BC [1012]; on 17 NS [1032]. See *Abies*.

P. igniarius (Fomes i.) (C:216): on 3 BC [954, F65], NB [1032]; on 3, 5, 7, 11, 13 Que [1377]; on 3, 7, 13, 17 Ont [1341]; on 3, 13 Alta [1801]; on 3, 13, 17 NWT-Alta [1063]; on 7 NS [1032]; on 13 Mack, Alta [53], BC [953], Alta [452, 950, 951, F72], Sask [F66], Man [1884, F62, F72], Ont [831], Nfld [1661, F63]; on 13, 14 BC [1012]; on 13, 17 NB, NS, PEI [1032]; on 17 Alta [F65], Man [F60], Que [919]. See *Acer*.

P. laevigatus (Fomes igniarius var. *l., Poria l.)* (C:220): on 3 Alta [53], Nfld [1661]; on 13 Ont [1341]; on 13, 17 NB [1032]. See *Acer*.

P. punctatus (Poria p.) (C:220): on 3, 17 NB [1032]; on 17 Ont [1341]. See *Abies*.

P. tremulae (Fomes igniarius var. *populinus)* (C:216): decay in live trees of 3, 13 Alta [1801]; on 13 Yukon [728], BC [1012], BC, Alta [558], Que [F72], Labr [F73]; on 17 Ont [584], NB [1032]. Associated with a white rot.

P. viticola (Fomes v.): on 14 BC [1012]. See *Abies*.

Phialocephala bactrospora (C:218): on 14 BC [873].

P. repens: on 17 Ont [876].

Phialophora sp.: on 13 Ont [1340]; on 17 Ont [584], Que [919].

P. fastigiata: on 17 Ont [279], Que [919].

P. lagerbergii: on 17 Que [919].

P. lignicola: on 13 Ont [1827]; on 17 Que [919].

P. melinii: on 13 NB [279].

P. verrucosa: on 13 Sask, NB [279]; on 17 Que [919].

Phibalis fascicularis (Cenangium populneum, Encoelia f.) (C:214, 216): on 3 Mack [664]; on 13 BC [1012], Que [1341], NB [1032], Nfld [1659, 1660, 1661]; on 13, 17 Ont [1340], NS [1032]; on 17 Ont [1827], NB [F69], PEI [1032].

P. pruinosa (Cenangium p., C. singulare) (C:214): sooty bark canker, chancre de suie: on 3, 13 Yukon [727]; on 7 Ont [1827]; on 7, 17 Ont [1340]; on 13 Yukon [F62, 460], NWT-Alta [1063], BC [727, 1012, F74].

Phlebia sp.: on 17 Ont [584].

P. expallens (Corticium e.) (C:215): decay in live trees of 3 Alta [1801]; on 14 BC [1012].

P. radiata (C:218): on 3 NWT-Alta [1063], Mack [53]; on 13 BC [568, 1012]; on 17 Ont, Que [568]. See *Abies*.

P. rufa: on 3 Sask [568]; on 17 Alta, Que [568]. See *Abies*.

Pholiota adiposa: on 7, 17 Ont [1341]; decay in live trees of 13 Alta [1801]. See *Acer*.

P. alnicola (Flammula a.) (C:216): yellow checked rot, carie jaune craquelée: on 13 BC [1012]; on 17 Que [919]. See *Abies*.

P. aurivella (C:219): on 13 NWT-Alta [1063], BC [1012]; on 17 Que [919]. See *Abies*.

P. destruens (C:219): on 3 NWT-Alta [1063], BC [954], decay in live trees Alta [1801]; on 11a BC [1012]; on dead trees of 17 Ont [1385]. Lignicolous.

P. flammans (P. kauffmaniana): on 17 Ont [1341]. See *Acer*.

P. limonella (P. squarrosa-adiposa): on 13 Yukon [F64, 460]. See *Abies*.

P. squarrosa (C:219): on 3 NWT-Alta [1063]; on 17 Alta [463]. Associated with a white rot.

P. squarrosoides (C:219): on 3 NWT-Alta [1063]. Lignicolous.

P. subsquarrosa (C:219): decay in live trees of 13 Alta [1801].

Phoma sp.: on 13 BC [1012], Alta [452]; on 17 Ont [584].

Phomopsis sp.: on 13 NB [1032].

Phragmocephala prolifera (Endophragmia p.): on 13 Man [1760].

Phyllosticta sp.: on 3 Ont [F73]; on 7 Ont [1340]; on 17 NWT-Alta [1063], Que [F67].

P. brunnea (C:219): canker, chancre: on 3 Que [F67]. From the original description it appears that this fungus would now be placed in *Asteromella*.

P. intermixta (C:219): on 3 Que [F62]. From the original description it appears that this fungus would now be placed in *Phoma*.

Phyllotopsis nidulans: on 13 Yukon [460].

Piloderma bicolor (Corticium b.) (C:215): on 13 BC [1012]. See *Abies*.

Pleurotus sp.: on 3, 13 NWT-Alta [1063]; on 17 NB, NS [1032].

P. ostreatus (C:219): on 3, 13 Alta [950]; on 3, 13, 17 NWT-Alta [1063]; on 7, 13, 17 Ont [1341]; on 11a, 13 BC [1012]; on 13 Alta [53, F61]; on 13, 17 NB [1032]; on 17 Que [919], NS [1032]. See *Abies*.

P. salignus (C:219): on 17 NS [1032].

P. sapidus (C:219): on 13 NB [1032]; on 17 Ont [1341], NB, NS [1032]. See *Aesculus*.

P. subareolatus (C:219): white spongy rot, carie blanche spongieuse: on 13 Yukon [460], BC [1012]; on 13, 17 NB [1032].

Plicatura crispa (Trogia c.): on 17 Ont [1341].

P. nivea (Merulius n.): on 13 Sask [563, 568]. See *Acer*.

Pollaccia elegans (holomorph *Venturia populina*) (C:219): on 1, 3 NB, NS [1032]; on 1, 3, 7, 13 NB, NS, PEI [F64]; on 3 Alta, Man, Ont, Que [F64], Sask, Man [1760], Sask, Man, Ont [F65, F66, F67, F68, F69], Ont [88, 1340, F61, F62, F63, F70, F71, F73], Ont, Que [F74], Ont, Nfld [F60], Nfld [1659, 1660, 1661, F72]; on 3, 7, 11a, 13 NB [F63]; on 3, 7, 13 NB, NS, PEI [F65, F66]; on 5 Ont [F66]; on 6 Que [F74]; on 7, 13 NS [F63]; on 13 BC [1012], Nfld [F65]; on 13, 17 Nfld [1660, 1661, F66, F70]; on 17 Alta [F62], Sask [F64], NB [1594], Nfld [F68].

P. radiosa (Fusicladium r., Napicladium tremulae) (holomorph *Venturia macularis*) (C:219): shoot blight, brûlure des pousses: on 1 NS [1032]; on 1, 3, 7, 13 NB, NS, PEI [F64]; on 1, 13, 17 Nfld [1660]; on 2 Alta [F63]; on 2, 6b, 17 Sask [1760]; on 3, 7, 13 NB, NS, PEI [F65, F66]; on 3, 11a NB [F63]; on 3, 13 Nfld [F64]; on 3, 13, 17 Nfld [1661]; on 7 Ont [1827], NB, NS [1032]; on 7, 13 Ont [356, 1340, F60, F62, F63, F65, F67, F68, F69, F70, F72], NB [F61], NB, NS [F63], NB, NS, PEI [F67]; on 11a NB [1032]; on 13 BC [1340], Sask, Man [1760, F64, F65, F66, F67, F69], Man, Nfld [F62, F63], Ont [F61, F64, F66, F73], Ont, Nfld [F71, F74], Que [F66, F69], Que, Nfld [F67, F76], NB, NS, PEI [1032, F60], Nfld [F60, F65, F71, F72, F74], Labr [F74]; on 13, 16 Alta [F65]; on 13, 17 Nfld [F66, F70, 1659]; on 17 Yukon [727], Alta, Que [F62, F64], Sask, Man [F60, F68], Que [1377, F63, F65], NB, NS, PEI [F62], NB, PEI [1032], Nfld [F61, F68, F73].

Polyporus sp.: on 17 Ont [1341].

P. arcularis: on 13 Que [1389]. Lignicolous.

P. badius (P. picipes) (C:219): on 3 Yukon [460, 579]; on 3, 17 Mack [53]; on 7, 17 Ont [1341]; on 13 Mack [1110], BC [1012]; on 13, 17 NWT-Alta [1063]. See *Abies*.

P. brumalis: on 13 Que [1389], Nfld [1659, 1660, 1661]. Lignicolous.

P. varius (P. elegans) (C:219): on 3 Yukon [460]; on 13 Mack [53], PEI [1032]; on 17 NWT-Alta [1063], Ont [1341], Nfld [1659, 1660, 1661]. See *Abies*.

Poria sp.: on 3 NS [1032]; on 13 NWT-Alta [1063], Nfld [1659, 1661]; on 17 Ont [82], NB [1032], Nfld [1660].

P. aurantiaca: on 13 NWT-Alta [1063], Alta [53]. The name has been applied to several species. Specimens and reports should be verified.

P. subacida: on 17 Ont [1341], NS [1032]. See *Abies*.

Poronidulus conchifer (Polyporus c.): on 17 NWT-Alta [1063], Alta [579]. Associated with a white rot.

Propolis versicolor (P. faginea) (C:220): on 13 NS [1032].

Psathyrella sp.: on 7 Ont [1341].

P. conissans (Psilocybe c.) (C:220): on 17 NS [1032].

P. spadicea: on stumps of 17 Que [1385].

Pseudospiropes nodosus: on 3, 13 Sask, Man [816, 1760].

P. simplex: on 3, 13 Man and on 13 Sask [817, 1760].

Pseudotomentella tristis (P. umbrina): on 17 Alta, Ont [1828], Ont [1341].

Psilocybe sp.: on 3 NWT-Alta [1063].

Punctularia strigosozonata (Phaeophlebia s., Phlebia s.) (C:218): white spongy rot, carie blanche spongieuse: on 7, 13, 17 Ont [1341]; on 13 NWT-Alta [1063], Alta [53, 1801], NB, NS [1032]; on 13, 14 BC [1012]; on 17 Ont [1660], Que [969, 919], NB, NS, PEI [1032], Nfld [1659, 1661]. See *Alnus*.

Pycnoporellus fulgens (Polyporus fibrillosus): on 3, 17 NWT-Alta [1063]. See *Abies*.

Pycnoporus cinnabarinus (Polyporus c.) (C:220): on 13 NWT-Alta [1063], Alta [579], NS [1032]; on 13, 17 Ont [1341]; on 17 Ont [1181], NB [1032]. See *Acer*.

Radulodon americanus (Radulum casearium auct.*)* (C:220): white spongy rot, carie blanche spongiuse: on 3 Mack [53]; on 3, 13, 17 NWT-Alta [1063]; on 13 BC [1012, 1341, 1499], Alta [53, 1801], Ont [831], NB, NS [1032]; on 13, 17 Ont [1341]; on 17 Alta [F62], Ont [1660, 1827, 1828], Que [919], NB [1032].

Radulum sp.: on 17 Ont [584]. Probably a specimen of *Radulodon americanus*.

Ramaricium albo-ochraceum (Trechispora a.): on 17 Ont [572, 970].

Resupinatus silvanus (Pleurotus s.): on 17 Yukon [460]. Now *Hohenbuehelia cyphelliformis*.

R. unguicularis (Pleurotus u.): on 13 NS [1032]. *Now Hohenbuehelia* u.

Rhytidiella baranyayi: on 13 BC [527, 1012, F75].

R. moriformis: on 3 Yukon [460], Sask, Man [1994]. Causes cork-bark disease.

Sarcopodium tortuosum: on 13 Man [1760].

Schizophyllum commune (C:220): white spongy rot, carie blanche spongieuse: on 3 Sask [565]; on 3, 13, 17 NWT-Alta [1063]; on 13 BC [1012], Alta [53], NB [1032]; on 13, 17 Nfld [1659, 1660, 1661]; on 17 Man, NB, NS [565], Ont [1341], NB [1032].

Schizopora paradoxa (Poria versipora): (C:220): on 13 NWT-Alta [1063]. See *Abies*.

Sclerophoma sp.: on 13 Ont [1827].

Sclerotium sp.: on 3 Alta [F64]; on 13 Alta [53, F61]; on 17 Alta [F60].

Seimatosporium etheridgei (holomorph *Leciographa gallicola*): on 13 BC [1012].

Septogloeum sp.: on 17 Sask [F60].

S. rhopaloideum (holomorph *Guignardia populi*) (C:220): leaf blight, brûlure des feuilles: on 13 Yukon [F71], Sask [F66], Ont [1340], Ont, NB [F63], Que [F64, F67]; on 17 Alta [F66, F67, F68, F69].

Septomyxa populina: on 7, 13 Ont [79].

Septoria sp.: on 3 Man [F63]; on 3, 13, 17 Ont [1340]; on 6 Alta [F62]; on 13 Que [F75]; on 16 Alta, Sask [857].

S. musiva (holomorph *Mycosphaerella populorum*) (C:220): leaf spot, tache des feuilles: on 3 Alta, Sask [F74], Alta, Man [F60], Sask, Man [F65, F66, F67, F68, F69], Sask, Ont [F62], Man, Ont, Que [F64], Ont [F67, 1827], Que [337, F76]; on 3, 6, 7, 9, 17 Ont [1340]; on 3, 13, 17 Que [F72]; on 3, 15, 16 Man [1998]; on 12 Sask [337]; on 13 Sask [1340], Que [F67]; on 14 BC [F63]; on 17 Alta [225, 337, 338, 339, 1594, 1595, F62, F63], Sask [225].

S. populi (holomorph *Mycosphaerella populi*): on 3 Ont [F73].

S. populicola (holomorph *Mycosphaerella p.*): (C:220): leaf spot, tache des feuilles: on 3 Alta [F63], Sask [1340], Ont [1827, F73], Ont, Que [F76], Que [F64, F67]; on 3, 13, 17 Que [F72].

Septotinia populiperda (C:220): on 13 Ont [F65].

Septotrullula bacilligera: on 13 Sask [1760].

Sirodothis populnea (Dothiorella p., Pleurophomella spermatiospora) (anamorph *Tympanis spermatiospora*) (C:215, 219): on 5, 13 Ont [1340, F67]; on 13 NB [F62]; on 17 Alta [F63], Ont [1765, 1763] on branches.

Sistotrema sp.: on 17 Ont [1341].

S. brinkmannii (Trechispora b.) (C:221): white stringy rot, carie blanche filandreuse: decay in live trees of 3, 13 Alta [1801]; on 13 NWT-Alta [1063], Alta [53], Nfld [1659, 1660, 1661]; on 14 BC [1012]. See *Abies*.

S. raduloides (Trechispora r.) (C:221): red heart rot, carie rouge du coeur: on 13 Mack [1110]; 13, 14 BC [1012]; on 17 Que [919]. See *Abies*.

Skeletocutis nivea (Polyporus semipileatus) (C:219): on 13 BC [1012]. See *Amelanchier*.

Spadicoides atra: on 13 Man [1760].

S. bina: on 13 Sask, Man [1760]; on 14 BC [790].

S. canadensis: on 17 Ont [795].

Sphaeronaema sp.: on 17 Que [919].

Spongipellis malicolus (Polyporus spumeus var. *malicola)*: on 6 Que [F71]. See *Fraxinus*.

Spongipellis spumeus (Polyporus s.) (C:219): on 17 NS [1032]. Associated with a white rot.

Sporidesmium sp.: on 13 BC [1012].

S. achromaticum: on 3, 13 Sask [1760]; on 13 Man [1760].

S. anglicum: on 13 Man [1760].

S. brachypus (S. deightonii): on 3, 13 Sask, Man [1760]; on 13 Man [822, F66]; on 17 Ont [822].

S. ehrenbergii: on 3, 13 Man [1760]; on 13 Sask [1760].

S. foliculatum: on 17 Ont [825].

S. leptosporum: on 13 Sask [1760].

S. pedunculatum: on 13 Man [1760].

Stachybotrys atra: on 3 Man [1760].

Steccherinum ciliolatum (Hydnum c., Odontia c.) (C:218): on 13 Alta [280]; on 13, 14 BC [1012]. See *Acer*.

S. fimbriatum (Odontia f.) (C:218): on 14 BC [1012]; on 17 NS, PEI [1032]. See *Acer*.

S. ochraceum (C:220): on 14 BC [1012]. See *Acer*.

S. oreophilum: on 13 Mack, Alta [972]. Associated with a white rot.

Stemonitis fusca: slime mold: on 3 NWT-Alta [1063]. Presumably on rotted wood.

Stereum sp.: on 17 Ont [584].

S. hirsutum (C:220): on 3 NWT-Alta [1063]. See *Abies*.

S. ostrea (C:220): on 17 NB [1032]. See *Abies*.

Stictis minor: on 17 Man, Ont [1608].

S. schizoxyloides: on 17 Man [1608].

Stigmina robusta: on 3, 13 Man [1760]; on 3 Man [812]; on 17 Ont [812, 1760], NB [812].

Stromatoscypha fimbriata (Porotheleum f.) (C:220): on 13, 17 Ont [1341]; on 17 NS [1032]. See *Betula*.

Subulicystidium longisporum (Peniophora l.) (C:218): on 14 BC [1012]; on 17 NWT-Alta [1063]. See *Betula*.

Taphrina sp.: on 11a NS [1032].

T. aurea (C:221): on 11 Que [1377]; on 11, 11a Nfld [1659, 1660, 1661]; on 11a Que [1340], Nfld [1594]; on 13 Nfld [F73]; on 17 Nfld [1660]. Conners (C:221) did not think that this species occurred in Canada.

T. johansonii (C:221): catkin blister, cloque de chatons: on 6, 13 Que [F72]; on 7, 13 Que [1377]; on 13 Ont [1340].

T. populina (C:221): leaf blister, cloque des feuilles: on 5 BC [F60]; on 5, 11a BC [1012]; on 11a BC, Nfld [337], Ont, Nfld [339], Que [F61, F71, F73], NB, NS, PEI [1032]; on 11a, 13 Nfld [F75]; on 13 Nfld [338, F65]; on 13, 17 BC [336], Nfld [1661]; on 17 Que [336], Nfld [1660].

T. populi-salicis (C:221): leaf blister, cloque des feuilles: on 14 BC [1012].

Tomentella asperula: on 17 Ont [929, 1341, 1828].

T. atrorubra: on 17 Ont [1341].

T. botryoides: on 17 Ont [1341, 1827, 1828].

T. bryophila (Hypochnus subferrugineus, T. pallidofulva) (C:221): on 17 Ont [924, 1341, 1827, 1828].

T. calcicola: on 14 BC [1012, 1341, 1828].

T. cinerascens: on 17 Ont [1341].

T. coerulea (Hypochnus cervinus, T. papillata): on 13 Alta [924]; on 13, 14 BC [1341], BC, Alta [929]; on 14 BC [1012]; on 17 Ont [929, 1341, 1827].

T. crinalis (Caldesiella ferruginosa) (C:214): on 17 Ont [1341], NS [1032].

T. ellisii (T. microspora): on 17 Ont [929, 1341].

T ferruginea (Grandinia coriaria) (C:221): on 14 BC [1012, 1341]; on 17 Man, Ont [925], Ont [1341, 1828].

T. lateritia: on 7 Ont [1828]; on 7, 17 Ont [1341].

T. neobourdotii: on 17 Ont [967, 1341, 1827, 1828].

T. nitellina: on 3, 17 Ont [1341].

T. punicea: on 17 Alta [1828].

T. ramosissima (T. fuliginea): on 17 Ont [1341, 1828].

T. ruttneri: on 17 Ont [1341, 1660, 1828].

T. sublilacina: on 17 Ont [1341, 1827].

T. subvinosa: on 17 Ont [1341].

T. terrestris (T. umbrinella): on 3, 17 Ont [1827].

T. violaceofusca (T. trachychaites): on 17 Alta [1828].

Tomentellastrum badium (T. floridanum, Tomentella atroviolacea): on 14 NWT-Alta [1012], BC [1341]; on 17 Ont [1341, 1828].

T. caesiocinereum (Tomentella c.): on 17 Ont [1341].

T. montanensis (Tomentella m.): on 13 Alta [1341].

Tomentellina fibrosa (Hypochnus canadensis, Kneiffiella f.): on 13 NWT-Alta [924]; on 17 Alta [1341, 1828].

Tomentellopsis zygodesmoides (Tomentella z.): on 13 NWT-Alta [1063].

Torula herbarum: on 13 Man [1760].

Trametes sp.: on 13 Ont [1341].

T. cervina (Polyporus biformis N. Am. *auct.)*: on 17 Ont [1341]. See *Abies*.

T. suaveolens (C:221): on 3 Yukon [460]; on 3, 14 Yukon, BC [F63]; on 13 Que [1391, 1377]; on 13, 17 NWT-Alta [1063]; on 14 BC [1012]; on 17 Que [1385]. Associated with a white rot.

T. trogii (C:221): decay in live trees of 3 Alta [1801]; ; on 17 NB, NS [1032]. Associated with a white rot.

Trechispora alnicola: on 17 Ont [970].

T. mollusca (Poria m., P. candidissima): on 13 Mack [53], PEI [1032]; on 17 NS [1032]. See *Abies*.

T. pallidoaurantiaca: on 13 Alta [559]. See *Pinus*.

T. vaga: on 13 BC [1012]. See *Abies*.

Tremella mesenterica: on 3 Yukon [460]; on 13 NWT-Alta [1063], BC [953]; on 13, 14 BC [1012]. See *Acer*.

Trichaptum biformis (Hirschioporus pargamenus, Polyporus p.) (C:219): white spongy rot, carie blanche spongieuse: on 3 Yukon [F63, 460]; on 3, 7, 13, 17 Ont [1341]; 3, 13, 17 NWT-Alta [1063], Alta [53], on 13 Yukon [460, 1110], Mack [53, 1110], Que [1390]; on 13, 14 BC [1012]; on 13, 17 NB, NS [1032], Nfld [1659, 1660, 1661]; on 17 PEI [1032].

T. subchartaceum (Hirschioporus s., Polyporus s.) (C:220): on 13 Yukon [460, F62], BC [F62, 1012]; on 17 NWT, Alta, Sask [1823]. See *Betula*.

Trichia varia (C:221): on 13 NWT-Alta [1063], Alta [53].

Trichocladium canadense (C:221): on 17 Que [919].

Trichoderma sp.: on 14 BC [138]; on 17 Ont [584].

T. harzianum: on 13 Alta [1970]. Presumably saprophytic on bark, dead wood, etc.

T. viride: on 13 Sask, Man [1760]; on 17 Que [919]. See *Abies*..

Trichothecium roseum: on 13 Man [1760].

Trimmatostroma sp.: on 13 Ont [1827].

Tritirachium sp.: on 17 Ont [584].

Troposporella fumosa: on 3, 13 Sask, Man [1760].

Tubercularia vulgaris (holomorph *Nectria cinnabarina*): on 11a Ont [1340]; on 17 Alta [F63].

Tubeufia paludosa: on 17 Ont [1494].

Tulasnella violea: on 17 NS [1032]. Lignicolous.

Tympanis alnea (anamorph *Sirodothis inversa*): on 13 BC [1012]; on 17 BC, Ont, Que [1221].

T. heteromorpha: on 13 Que, NS [1221].

T. spermatiospora (anamorph *Sirodothis populnea*) (C:221): on 3, 13 Sask, Man [F69]; on 3, 13, 17 Ont [1340]; on 7 Man [F69]; on 13 BC [1012], Sask, Man [F67], Que [F60], NB [1032]; on 13, 17 Nfld [1659, 1660, 1661]; on 17 NWT-Alta [1063], Ont, Que, NB, NS, Nfld [1221], NS [1032].

Typhula sp.: on 14 BC [1012].

T. setipes (Pistillaria s.): on 11a BC [902, 1012].

Tyromyces aneirina (Poria a.) (C:220): on 13 NWT-Alta [1063], Mack [1110], BC [1012]; on 17 NWT, BC, Alta [1003], Ont [1827]. Associated with a white rot.

T. caesius (Polyporus c.) (C:219): on 13 BC [1012]. See *Abies*.

T. chioneus (Polyporus albellus) (C:219): on 13 Que [1390]; on 17 Ont [1341], NB [1032]. See *Abies*.

T. stipticus (Polyporus immitis): on 3 Sask [579]. See *Abies*.

T. subvermispora (Poria s.): on 17 Ont [1339]. See *Abies*.

T. tephroleucus (Polyporus t.): on 17 NS [1032]. See *Alnus*.

Ulocladium atrum: on 13 Alta [1970].

U. chartarum: on 17 Sask [1656].

Uncinula adunca (U. salicis) (C:221): powdery mildew, blanc: on 3 Mack [F67], Alta [644, 950, 951], Man, Que [1257], Ont [F71, 1660], Que [282, 333, F62, F65, F66, F76]; on 3, 6, 13 Ont [1257]; on 3, 13 Sask, Man [F66, F67, F68], Ont [1340], Que [F75], NB [1032]; on 3, 13, 17 NWT-Alta [1063]; on 3, 17 Sask [1340]; on 13 Yukon [F62, 460], Alta [53]; on 13, 17 Alta [F63]; on 14 BC [1012]; on 17 Ont [F68], Que [1377, F73].

Uredo sp.: on 1, 3, 5, 13, 16 BC [1012]. Probably the II state of *Melampsora* spp.

Valsa sp.: on 3 Ont [1827]; on 7 Ont [1828]; on 11a, 14 BC [1012]; on 13 Yukon [460], Ont [1340, F62], NB [1032]; on 17 Sask [F67].

V. ambiens (V. salicina, V. sordida) (anamorph *Cytospora ambiens*) (C:221): on 1, 3, 6b, 13, 17 NWT-Alta [1063]; on 3, 5, 7, 11, 13 Que [1377]; on 3, 13 Alta [F67]; on 6 Que [184, 337]; on 7, 11a, 13 NB, NS [1032]; on 7, 13 Ont [1340]; on 11a Que [F66]; on 13 Mack, Alta [53], BC [1012], PEI [1032]; on 17 NS [1032].

Valsaria exasperans (C:221): on 13, 17 Ont [1340].

V. insitiva (C:221): on 13, 17 Ont [1340].

Vararia investiens: on 17 Ont [1341]. See *Abies*.

Varicosporium elodeae: on 17 BC [43].

Venturia sp.: on 13 BC [F73, F74]; on 13, 17 BC [F72].

V. macularis (V. tremulae) (anamorph *Pollaccia radiosa*) (C:221): on 2, 13, 17 NWT-Alta [1063]; on 3 NB [F73]; on 7, 13 Ont [1340], NB, NS, PEI [F68]; on 13 Yukon [460], Yukon, Alta, Man [F70, F72], Mack, Alta [53, F66], BC [73, 953, 1012, F62, F68, F75, F76], Alta [950, 951, 952], Alta, Sask, Man [F71, F73], Alta, Sask, NB [F74], Sask [F70], Ont, NS [F76], Que [70, 282, F68, F72], Que, Nfld, Labr [F75], NB [F73], NB, NS [F70, F75], NB, NS, PEI [F69]; on 14 BC [F65]; on 17 Yukon [F69], Alta [337, F67, F69], Man [839], Ont, Que, NB [73], Que [F61].

V. populina (anamorph *Pollaccia elegans*) (C:221): on 3 Yukon [F61, F71, 460], Yukon, Alta, Man [F69], Yukon, Man [F70], Mack [53], BC, Alta [73], Alta [950, 951, 952, F65, F67], Ont [88, F65], Ont, Que [73, F75], Que [F61]; on 3, 5 Ont [1340]; on 3, 5, 17 Ont [F76]; on 3, 13, 14 BC [F68]; on 3, 14 BC [1012]; on 3, 17 NWT-Alta [1063]; on 5 Ont [F66]; on 13 BC [F70]; on 13, 17 BC [F69]; on 14 BC [F62]; on 17 BC [F71], Alta [339, 1594], Sask [F67, F74], Man, Sask [F66], Ont [F62].

Verpatinia calthicola: on 17 Que [662].

Verticillium sp.: on 13 Alta [1970]; on 17 Ont [584].

V. dahliae: on 13 Man [1760, F67].

Xylohypha lignicola: on 3 Man [1760]; on 13 Sask [1760].

X. nigrescens: on 13 Sask [1760].

PORTULACA L. PORTULACACEAE

1. *P. grandiflora* Hook., rose-moss, chevalier d'onze heures; imported from South America, commonly cultivated.
2. *P. oleracea* L., common purslane, pourpier gras; imported from Eurasia, natzd., BC-PEI.

Fusarium acuminatum: on 1 BC [1816].

Pythium sp.: on 2 Ont [868].

P. intermedium: on 2 Ont [868].

P. irregulare: on 2 Ont [868].

Rhizophydium graminis: on 2 Ont [59].

Thielaviopsis basicola: on 2 Ont [546].

Verticillium dahliae: on 2 BC [1978].

POTENTILLA L. ROSACEAE

1. *P. anserina* L., silverweed, argentine; native, Yukon-Mack, BC-Nfld.
2. *P. canadensis* L. (*P. simplex* Michx.), old-field-cinquefoil, potentille simple; native, Ont-Nfld.
3. *P. concinna* Richards.; native, BC-Man. 3a. *P. c.* var. *concinna*.
4. *P. diversifolia* Lehm.; native Yukon-Mack, BC-Alta, sw. Sask.
5. *P. flabellifolia* Hook.; native s. BC-se. Alta.
6. *P. fruticosa* L., shrubby cinquefoil, potentille frutescente; native, Yukon-Mack, BC-NS, Nfld.
7. *P. gracilis* Dougl.; native, Yukon, BC-Que. 7a. *P. g.* var. *flabelliformis* (Lehm.) Nutt.; native, BC-Man. 7b. *P. g.* var. *glabrata* (Lehm.) Hitchc. (*P. nuttallii* Lehm.); native, BC-Que. 7c. *P. g.* var. *permollis* (Rydb.) Hitchc.; native, BC. 7d. *P. g.* var. *pulcherrima* (Lehm.) Fern. (*P. pulcherrima* Lehm.) BC-Man, introduced Ont-Que.
8. *P. hippiana* Lehm.; native, BC-Ont.
9. *P. hookeriana* Lehm.; native, Yukon-Mack, BC.
10. *P. nivea* L., snowy cinquefoil, potentille des neiges; native, Yukon-Labr, BC-Alta, Man-Que, Nfld.
11. *P. norvegica* L., rough cinquefoil, potentille de Norvège; native, Yukon-Mack, BC-Nfld, Labr.
12. *P. palustris* (L.) Scop., marsh cinquefoil, potentille palustre; native, Yukon-Keew, BC-Nfld, Labr.
13. *P. pensylvanica* L., prairie cinquefoil, potentille de Pennsylvanie; native, Yukon-Mack, BC-Que, NS, Nfld, Labr. 11a. *P. p.* var. *pectinata* (Raf.) Boivin (*P. pectinata* Raf.), coast cinquefoil, potentille pectinée; native, Mack, Alta-Que, NS, Nfld, Labr.
14. *P. pulchella* R. Br.; native, Yukon-Labr, Man-Que, Nfld.
15. *P. recta* L., rough-fruited cinquefoil, potentille dressée, imported from Eurasia, introduced, BC-Nfld.
16. *P. tridentata (Soland.) Ait.*, three-toothed cinquefoil, potentille tridentée; native, Mack, Alta-Nfld, Labr.
17. Host species not named, i.e., reported as *Potentilla* sp.

Frommea obtusa (Uredo o.) (C:223): rust, rouille: 0 I II III on 2 Ont [1236]; on 7 Sask, cited as "Moose Jaw, N.W. Terr." [437]; on 17 Ont [1341].

Gnomonia comari (anamorph *Zythia fragariae*): on 17 Nfld [79].

Leptosphaeria doliolum (C:223): on 11 Que [70].

Marssonina potentillae (C:223): on 1 BC [1816]; on 12 Mack [53].

Peronospora potentillae (C:223): downy mildew, mildiou: on 7b BC [1816].

Phragmidium sp.: rust, rouille: on 13 BC [1012, 1816]; on 17 Ont [1828].

P. andersonii (C:223): rust, rouille: 0 I II III on 6 Yukon [460], Mack [53], BC [1012, 1816], BC, Alta [644], Alta [951, 952, 1839], Ont [1236], Que [282]; on 6, 17 NWT-Alta [1063].

P. biloculare: rust, rouille: on 5 BC [1579].

P. boreale: rust, rouille: on 4 BC, Alta [1579].

P. ivesiae: rust, rouille: I II III on 3a, 8 Alta [1579]; on 7 BC [1012]; on 7, 7b BC [1816]; on 7, 7c BC [1579]; on 7a, 7b, 7d BC, Alta, Sask [1579]; on 8 Sask [1579]; on 11 Ont [1236, 1579]; on 15 Ont [1257, 1828], Ont, Que [1579]; on 17 Ont [1827].

P. potentillae (C:223): rust, rouille: 0 I II III on 3a, 13 Alta [1566]; on 7 BC [1012, 1816]; on 8, 13 Sask BC [1566]; on 9, 13 Yukon, Mack [1566]; on 10 Que [282]; on 10, 11a Que [1566]; on 13 Mack [53], BC, Man [1566]; on 15 Ont [1236, 1341, 1828]; on 17 Yukon [460], NWT-Alta [1063], Alta [53, 951].

Plagiostoma lugubre: on 12 BC [79].

Pleospora moravica (C:223): on 6 Que [70].

Pucciniastrum potentillae (C:223): rust, rouille: on 16 Alta [2008, F67], Man [2008], Ont [1236, 1341], Que [1236].

Scopinella solani: on 14 Frank [1039].

Sphaerotheca macularis (C:223): powdery mildew, blanc: on 6 Ont [1254], Que [1257]; on 6, 11, 12 Ont [1257]; on 12 NS [1254].

Venturia palustris: on living and overwintered leaves of 17 Que [73].

V. potentillae (Coleroa p.) (C:223): on living and overwintered leaves and stalks of 14 NWT [73].

Verticillium dahliae: on 7b BC [1816, 1978].

PRENANTHES L. COMPOSITAE

1. *P. alata* (Hook.) Dietr.; native, BC-Alta.
2. *P. alba* L., rattlesnake-root, prenante blanche; native, Sask-Que.
3. *P. altissima* L., tall rattlesnake-root, prenante très haute; native, Man-Que, NS.

Puccinia dioicae (C:224): rust, rouille: on 2 Ont [1236].

P. insperata (P. variabilis var. *i.)* (C:224): rust, rouille: on 1 BC [1816]; on 2 BC [1012].

P. orbicula (C:224): rust, rouille: 0 I II III on 2, 3 Ont [1236]; on *P.* sp. Ont [1236], NB [1032].

Sphaerotheca fuliginea (C:224): powdery mildew, blanc: on 3 Ont, Que [1257].

PRIMULA L. PRIMULACEAE

Perennial herbs, low, mostly boreal or alpine, confined to northern hemisphere, only one or two in s. South America.

Ramularia primulae (C:224): leaf spot, tache foliaire: on *P.* spp. BC [1816].

PRUNELLA L. LABIATAE

1. *P. vulgaris* L., heal-all, brunelle; native (partly introduced), BC-Alta, Man-Nfld, Labr.

Linospora brunellae (Ceuthocarpon b., Leptosphaeria hesperia) (C:224): on 1 BC [72, 1816].

Ophiobolus prunellae: on 1 BC [1012, 1620].

PRUNUS L. ROSACEAE

1. *P. americana* Marsh., wild plum, prunier d'Amérique; native, Sask-Que.
2. *P. armeniaca* L., apricot, abricotier; imported from China.
3. *P. avium* (L.) L., sweet cherry, cerisier de France; imported from Eurasia.
4. *P. besseyi* Bailey, sand cherry, cerisier de sable; native, Sask-Man.
5. *P. cerasifera* Ehrh., myrobalan plum, prunier myrobalan; imported from Asia. 5a. *P. c.* cv. atropurpurea (*P. pissardii* Carrière), Pissard plum, prunier mycobolan pourpre.
6. *P. cerasus* L., sour cherry, cerisier commun; origin uncertain.
7. *P. domestica* L., plum, prunier domestique; imported from Eurasia. 7a. *P. d.* var. *insititia* (L.) Schneid. (*P. insititia* L.), damson plum, créquier.
8. *P. dulcis* (P. Mill.) D.A. Webb (*P. amydalus* Batsch, *P. tangutica* Batal.), almond, amandier; imported from w. Asia.
9. *P. emarginata* (Dougl.) Walp., bitter cherry, cerisier amer; native, BC.
10. *P. glandulosa* Thunb., dwarf flowering almond, cerisier glanduleux; imported from Japan and China.
11. *P. japonica* Thunb., Chinese bush cherry, cerisier du Japon; imported from China and Korea.
12. *P. laurocerasus* L., cherry-laurel, laurier-cerise; imported from Eurasia.
13. *P. mahaleb* L., perfumed cherry, bois de Sainte-Lucie; imported from Eurasia.
14. *P. nigra* Ait., Canada plum, guignier; native, Man-NS.
15. *P. padus* L., bird cherry, cerisier à grappes; imported from Eurasia. 15a. *P. p.* var. *commutata* Dipp., May-day tree.
16. *P. pensylvanica* L. f., pin cherry, cerisier d'été; native, Mack, BC-Nfld, Labr.

17. *P. persica* (L.) Batsch, peach, pêcher; imported from China. 17a. *P. p.* var. *nicipersica* (Suckow) C.K. Schneid. (*P. persica* var. *nectarine* (Ait. f.) Maxim.), nectarine, nectarine.
18. *P. pumila* L., sand cherry, cerisier de sable; native, Man-NB. 18a. *P. p.* var. *depressa* (Pursh) Gleason (*P. depressa* Pursh), dwarf cherry, cerisier déprimé; native, Ont-NB.
19. *P. salicina* Lindl., Japanese plum, prunier japonais; imported from China.
20. *P. serotina* Ehrh., black cherry, cerisier d'automne; native, Ont-NS.
21. *P. serrulata* Lindl., Oriental cherry, cerisier à feuilles dentées en scie; imported from Asia.
22. *P. spinosa* L., sloe, prunellier; imported from Eurasia.
23. *P. subcordata* Benth., Sierra plum, prunier du Pacifique; imported from sw. USA.
24. *P. subhirtella* Miq., Higan cherry; imported from Japan. 24a. *P. s.* cv. pendula.
25. *P. tomentosa* Thunb., Nanking cherry; imported from c. Asia.
26. *P. triloba* Lindl., flowering almond, amandier rose; imported from China.
27. *P. virginiana* L., choke cherry, cerisier de Virginie; native, Mack, BC-Que, NS, Nfld. 27a. *P. v.* var. *demissa* (Nutt.) Torr. (*P. demissa* (Nutt.) Walp.), western choke cherry, cerisier à grappes de la côte du Pacifique; native, BC-Alta. 27b. *P. v.* var. *virginiana*; native, Mack, BC-Que, NS, Nfld.
28. Host species not named, i.e., reported as *Prunus* sp.

Alternaria sp. (C:225): on 7 Ont [334], NS [591]; on 28 Ont [1930].

A. alternata (A. tenuis auct.*)*: on 3 BC [1099]; on submerged leaves of 12 BC [5]; on 13 Ont [3].

Aleurodiscus canadensis: on 16 Ont [1341]. See *Abies*.

Antrodia lindbladii (Poria cinerascens) (C:227): on 9 BC [1012]. See *Abies*.

Apiosporina morbosa (Apiospora m., Dibotryon m.) (C:226): black knot, nodule noir: on 2, 3, 6, 7, 7a, 22, 23, 27a BC [1816]; on 3 Nfld [F62]; on 6 NB [1594], PEI [334]; on 6, 20, 27, 28, Que [338]; on 7 BC [334, 335, 1817, 1818], Ont [334, 339, 591], Que, NB, NS, PEI [335, 336] also NB, NS, PEI [334] and NS [591], Nfld [336]; on 7, 8, 22, 23, 27 BC [1012]; on 7a Nfld [1661]; on 14 Ont [1340], NS [334, 1032]; on 15 Alta [336, 337, 339]; on 15a Alta [1594], Man [335]; on 15a, 16, 27, 28 NWT-Alta [1063]; on 16 Alta [293], Sask, Man [1594, F67], Ont [338, F64, F65], Que [70, 282, 1377, 1376, 1385, F74], NB [F61, F72], NS [293], PEI [338, 339, 1032, F64, F65, F66, F67, F69], Nfld [337, 339, F62, F64, F65, F66, F68, F69, F70, F71, F72, F75] and NB, NS [335, 336, 338, 339, 1032, F62, F63, F64, F65, F66, F67, F69, F75]; on 16, 20, 27 Ont [339, 1340, F66]; on 16, 28 Nfld [1659, 1660, 1661, F63, F74, F76]; on 17 NS [591]; on 20 Que [338, F65], NB, NS [1032, F69, F75], PEI [F69]; on 27 Alta [53, 839, 950], Man [1594], Ont [293, F64], Que [293, 338, 1385], NB [F72], NS [335, F62], PEI [F64], Nfld [1661, F65] and Sask, Man [F63, F67], NB, NS [336, 1032, F63, F64, F75]; on 28 BC [338, 339], Alta, Man [333], Ont [335, 338, 1340, 1594, 1827, F65, F66, F67, F74], Que [333, 334, 336, 337, 338, 339, 1340], NB, NS, PEI [333, 338, 1032], Nfld [333, 335, 336, 338] and NB [334, 335, 337, 339, 1612, 1595], NS [339, 1594, F62]. See *Phaeostoma* below.

Aplosporella sp. *(Haplosporella* sp.*)*: on 16 Nfld [1659, 1660].

Armillaria mellea (C:225): root rot, pourridié-agaric: on 3, 5, 6 BC [1816]; on 5 BC [1012]; on 13 Ont [3]; on 20 Ont [F63]. See *Abies*.

Ascocoryne inflata: on 9 BC [1012].

A. sarcoides (Coryne s.): on 17 Ont [1930].

Aureobasidium sp. *(Pullularia* sp.*)*: on 17 Ont [1930].

A. pullulans (Pullularia p.) (C:225): on 3, 6 BC [1816]; on 28 BC [334].

Basidioradulum radula (Hyphoderma r., Radulum orbiculare): on 28 Ont [1828], PEI [1032]. See *Abies*.

Bjerkandera fumosa (Polyporus f.): on 12 BC [1012]. See *Acer*.

Blumeriella jaapii (Coccomyces hiemalis, Higginsia h.) (anamorph *Phloeosporella padi*) (C:225): shot hole, criblure: on 3 BC, Ont, NB [333], NS [335, 336, 337, 1594]; on 6 Ont [334], NB [1594], PEI [335] and Ont, NB, Nfld [337]; on 12 BC [1012]; on 16 Alta, Sask, Man, NB, NS, PEI [F66], Sask, Man [F67, F68] also Sask [F71, F73], Man [339, F70], Que [F61, F75, F76], NB, NS, PEI [1032, F64, F65] also NB, NS [F63] and NB [F72]; on 16, 27 Ont [339, 1340, F64]; on 20 NB [336, 1032], NS [1032, F63]; on 27 Alta [1594, F67], Sask, Man [F66, F67, F68], NB [1032], Nfld [1661, F65, F74] and Sask [F71, F72, F73, F74], Man [339, F70]; on 28 Ont, NB, NS, PEI [334], Nfld [1661] and Ont [339], NB [335, 336, 338, 339, F73].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:225): gray mold, moisissure grise: on 2, 3, 6 BC [1816]; on 27 BC [F70]; on 28 BC [334, 339], NS [337, 1032].

Calosphaeria minima (C:225): on 28 Ont [1340, F60].

C. princeps: on 16 Ont [1340, F60].

C. pulchella: on 16 Ont [1340].

Candida sp.: on 16 Ont [1827].

Cephalothecium roseum: on 7, 17 NS [591]. Usually listed as a questionable synonym of *Trichothecium roseum*.

Cerocorticium cremoricolor (Corticium c.): on 28 NS [1032]. Lignicolous.

Cerrena unicolor (Daedalea u.) (C:226): on 28 NS [1032]. See *Acer*.

Chlorociboria aeruginosa: on 20 Ont [1340]. Lignicolous, typically on rotted wood.

Chlorosplenium chlora: on 7 BC [1012].

Chondrostereum purpureum (Stereum p.) (C:228): silver leaf, plomb: on 7, 9, 12 BC [1816]; on 9 BC [1012]; on 28 PEI [1032]. See *Abies*.

Cladosporium sp.: on 9 BC [1012]; on 14 NB [1032]; on 16 Ont [1340]; on 27 Ont [1827].

C. carpophilum (Fusicladium c.) (holomorph *Venturia c.*) (C:226): scab, tavelure: on 28 Que [337].

C. macrocarpum: on 27 Sask [1760].

Coccomyces sp.: on 16 Que [1377].

Coltricia perennis (Polyporus p.): on 16 NS [1032]. Mycorrhizal with conifers, typically on sandy soil, this specimen was presumably on rotten wood.

Coniothyrium sp. (C:226): on 7, 17 NS [591].

C. fuckelii (holomorph *Leptosphaeria coniothyrium*): on 17, 28 Ont [1930].

Conoplea olivacea (C. sphaerica) (C:226): on 28 Ont [784].

Coriolus hirsutus (Polyporus h.) (C:227): white spongy rot, carie blanche spongieuse: on 2 BC [1012]; on 2, 7 BC [1816]; on 20 Ont [1341]; on 28 NS, PEI [1032].

C. versicolor (Polyporus v.) (C:227): on 9 BC [1012, 1341]; on 16 Nfld [1659, 1660, 1661]; on 16, 28 PEI [1032]; on 20, 28 Ont [1341]; on 27, 28 NS [1032]. See *Abies*.

Corollospora maritima: on submerged leaves of 12 BC [5].

Cryptodiaporthe salicella (anamorph *Diplodina microsperma*): on 28 BC [1012].

Cylindrocarpon sp.: on submerged leaves of 12 BC [5].

C. destructans: on 13 Ont [3].

Cylindrosporium sp. (C:226): on 2 BC [339, 1816]; on 16 PEI [1032], Nfld [1661]; on 16, 27 NB, NS [1032].

Cytospora sp. (C:226): canker, chancre cytosporéen: on 2 Ont [1594]; on 16, 20, 28 Ont [1340]; on 27 Yukon [460].

C. chrysosperma (holomorph *Valsa sordida*): on 16 Nfld [F76].

C. cincta (holomorph *Leucostoma cincta*): on 2, 17 Ont [397].

C. pruni: on dead branches of 27 Ont [439].

C. rubescens (C. leucostoma) (holomorph *Leucostoma persoonii*) (C:226): dieback, dépérissement: on 17 Ont [397].

Daedaleopsis confragosa (Daedalea c.) (C:226): on 20 Ont [1341]; on 28 BC [1012]. See *Acer*.

Daldinia vernicosa (C:226): on 28 Ont [1340].

Dendrothele maculata (Aleurocorticium m.): on 27, 28 Ont [965]. Lignicolous.

Dendryphiopsis atra (holomorph *Microthelia incrustans*): on 28 Man [1760].

Dermea cerasi (anamorph *Foveostroma drupacearum*) (C:226): on 9 BC [1012, 1816]; on 16 Ont [664], NS [1032]; on 16, 20, 28 Ont [1340]; on 27 Sask, Man [F67]; on 28 Man [F66], NB, NS [1032].

D. padi (C:226): on 16 Ont [1340, F60].

D. prunastri (C:226): on 27, 28 Ont [F60]; on 28 Ont [1340], NS, PEI [1032].

Diaporthe ?perniciosa: on 13 Ont [3].

D. pruni (C:226): on 28 Ont [F60].

D. prunicola (C:226): on 16, 20, 27, 28 Ont [1340]; on 27, 28 Ont [F60].

Diatrype albopruinosa (C:226): on 27 Man [1354].

Diatrypella discoidea (C:226): on 28 NS [1032].

Dictyosporium pelagicum: on submerged leaves of 12 BC [5].

Diplodia sp.: on 27 Ont [1340].

Eutypella sorbi: on 27 NWT-Alta [1063]. A later homonym of *E. sorbi* (Schum.: Fr.) Sacc.

Exidia glandulosa: on 28 Nfld [1659, 1660]. Lignicolous.

E. recisa (C:226): on 20 NS [1032]. Lignicolous.

Fomes fomentarius: on 16 Nfld [1661]. See *Acer*.

Fomitopsis cajanderi (Fomes c.): on 16 Que [F74]. See *Abies*.

F. pinicola (Fomes p.) (C:226): on 7 BC [1816]; on 20 Ont [1150]. See *Abies*.

Foveostroma sp.: on 28 BC [1012]. Reported as *Micropera* sp. but that name is invalid.

F. drupacearum (Micropera d.) (holomorph *Dermea cerasi*) (C:227): on 27 Ont [1340]; on 28 BC, Ont, NS [1763].

Fumago sp.: on 16 NB [1032].

Fusarium sp. (C:226): on 7, 17 NS [591].

F. oxysporum (C:226): on 13 Ont [3].

F. poae: on 13 Ont [3].

Fusicoccum sp.: on 17 Ont [1930].

F. amygdali: on 17 Ont [1930].

Ganoderma applanatum (C:226): on 3, 6, 7 BC [1816]. See *Abies*.

G. tornatum (G. applanatum var. *brownii.)* (C:227): on 5 BC [1007, 1816, F61]. Lignicolous.

Gloeodes pomigena (C:227): on 28 NS [1032].

Gloeophyllum sepiarium (Lenzites s.) (C:227): on 9 BC [1012]; on 28 NS [1032]. See *Abies*.

Gloeosporium sp.: on 28 NB [1032].

Godronia confertus (G. urceolus var. *c.)* C:227): on 9 BC [1012]; on 16 Ont [F66], Que [1684]; on 16, 28 Ont [656, 1340]; on 27 Que [F68]; on 28 Que [656], NS [1032].

Graphostroma platystoma: on 20 Que [1343].

Haematostereum gausapatum (Stereum g.): on 16 Ont [1341]. Lignicolous.

H. rugosum (Stereum r.): on 16 NS [1036]; on 16, 27 NS [1032]. See *Abies*.

Hapalopilus nidulans (Polyporus n.) (C:227): on 9 BC [1012]. See *Abies*.

Helotium sp.: on 28 Ont [1340]. The specimen is probably a species of *Calycella*.

Humicola alopallonella: on submerged leaves of 12 BC [5].

Hymenochaete sp.: on 27 Ont [1341]. Lignicolous.

H. tabacina (C:227): on 20 Ont [1341]; on 28 NB, NS [1032], Nfld [1659, 1660, 1661]. See *Abies*.

Hyphoderma setigerum (Peniophora aspera) (C:227): on 9 BC [1012]; on 28 NS [1032], Nfld [1659, 1660, 1661]. See *Abies*.

Hypholoma fasciculare (Naematoloma f.): on 5a BC [1012]. See *Abies*.

Hypoxylon fuscum: on 16 Ont [1340].

H. howeianum: on 28 Ont [1340].

H. multiforme (C:227): on 9 BC [1012]; on 28 NB [1032].

H. vogesiacium: on 9 BC [F70].

Inonotus dryophilus (Polyporus d.): on 16 NB [1036]. Associated with a white rot.

I. radiatus (Polyporus r.): on 20 Ont [1341]. See *Acer*.

Irpex lacteus (Polyporus tulipiferae) (C:227): on 2 BC [1012, 1816]; on 16 NB [1032]; on 16, 20, 28 Ont [1341]; on 28 NS [1032]. See *Acer*.

Laeticorticium violaceum (Dendrocorticium v.): on 28 Ont [930]. Lignicolous.

Laetiporus sulphureus (Polyporus s.) (C:227): on 20 Ont [1341]; on 28 NS [1032]. See *Abies*.

Leucostoma cincta (Valsa c.) (C:229): peach canker, chancre cytosporéen: on 17 Ont [335, 844, 1183, 1924, 1931]; on 17, 28 Ont [1930].

L. persoonii (Valsa leucostoma) (C:229): dieback, dépérissement: on 7, 17, 17a BC [1816]; on 16 Ont [1340]; on 16, 27 NS [1032]; on 17 Ont [335, 844, 1183, 1930, 1924].

Lulworthia medusa: on 12 BC [5]. Usually on *Spartina*.

Massaria conspurcata (C:227): on 27 Man [F67]; on 27, 28 Ont [1340]; on 28 Man [F66].

M. pruni (C:227): on 28 NS [1032].

Merismodes fasciculatus (Cyphella f.): on 28 Ont [1341]. Lignicolous.

Monilia sp.: on 16 Ont [1827], NB [1032].

M. fructigena auct.: on 16 NS [1032].

Monilinia demissa (C:227): brown rot, pourriture brune: on 2, 27a BC [336]; on 27 BC [1012, 1816]; on 27a BC [334, 335].

M. fructicola (C:227): brown rot, and blossom and twig blight, pourriture brune: on 2, 3, 4, 6, 7, 17, 17a, 21 BC [1816]; on 2 Ont [334]; on 2, 17 BC [336, 337, 339, 1594, 1595]; on 3 Ont [333], NS [1594]; on 3, 6, 7a, 14, 17, 18, 28 Ont [432]; on 4, 25, 27 Man [432]; on 6 NB [335, 1594]; on 6, 14, 28 Que [432]; on 7 NB [336]; on 14 Ont [1340, 1827]; on 16 NB, NS [1032]; on 17, 28 BC [333, 335, 338]; on 17 Ont [337], Que [334], NS [333, 334, 1594] and Ont, NS [335, 336, 339]; on 26 BC [336], NS [333]; on 27 BC [333]; on 28 BC [334, 337, 339, 432, 1594], Ont [334, 335, 337, F74], Que [333], NB [335], NS [334, 339], PEI [337, 339].

M. laxa (C:227): blossom and twig blight, and brown rot, pourriture brune: on 2, 28 BC [339]; on 2, 3, 6, 7, 10, 11, 24a BC [1816]; on 3 BC [1594]; on 24a BC [334]; on 28 BC [333].

M. padi (C:227): blossom and twig blight, brûlure sclérotique: on 6 PEI [333]; on 27 BC [1012].

M. seaveri (C:227): on 20 Ont [337, 429], Que [899].

Monodictys pelagica: on submerged leaves of 12 BC [5].

Nectria sp.: on 16 Que [1376]; on 28 Que [282].

N. cinnabarina (anamorph *Tubercularia vulgaris*) (C:227): nectria dieback, dépérissement nectrien: on 12 BC [1012]; on 15a NWT-Alta [1063]; on 16 Nfld [F76]; on 27 Sask [F67, F69], NS [1032]; on 28 Sask [F66].

N. galligena: on 27 Que [F60].

Nipterella parksii (Belonidium p.): on 7 BC [1012].

Nowakowskiella elegans: on submerged leaves of 12 BC [5].

Odontia sp.: on 9 BC [1012].

Oidium sp.: powdery mildew, blanc: on 2 BC [1816].

Panellus serotinus (Pleurotus s.): on 28 NB [1032]. See *Acer*.

Papulaspora halina: on submerged leaves of 12 BC [5].

Penicillium sp.: on 7 NS [591].

Peniophora cinerea (C:227): on 16, 27, 28 Ont [1341]; on 27 NS [1032]; on 28 NB [1032]. See *Abies*.

P. incarnata (C:227): on 9 BC [1012]. Lignicolous.

Phaeostoma sphaerophila: on 28 Que [142]. Mycoparasitic on stroma of *Apiosporina morbosa*. Could be a biological control agent.

Phellinus ferreus (Poria f.) (C:227): on 9 BC [1012]. See *Acer*.

P. ferruginosus (Poria f.): on 28 NB [1032]. See *Abies*.

P. laevigatus (Fomes igniarius var. *l., Poria l., Poria prunicola)* (C:228): on 16 Que [1376], NB, NS [1032]; on 16, 20, 27, 28 Ont [1341]; on 28 Que [282, 1377], NB, NS, PEI [1032], Nfld [1659, 1660, 1661]. See *Acer*.

P. punctatus (Poria p.): on 20 Ont [1341]; on 27 NS [1032]. See *Abies*.

Phialophora malorum: on 13 Ont [3].

Phlebia radiata (C:227): on 9 BC [568, 1012]. See *Abies*.

P. rufa: on 9 BC [568, 1012]; on 20 Ont [568]. See *Abies*.

Phloeosporella padi (Cylindrosporium hiemalis, C. lutescens, C. padi, C. prunophorae) (holomorph *Blumeriella jaapii*) (C:226): on 3, 6, 7, 9 BC [1816]; on 16 Ont [F74, F75]; on 27 Ont [1340]; on 28 Sask, Ont [1763], NS [1032].

Phoma sp.: on 7 NS [591].

Phomopsis sp.: on 7 NS [591]; on 16 Ont [1340].

P. perniciosa: on 28 NS [337]. Possibly an anamorph of *Diaporthe eres*.

Phyllosticta sp.: on 9 BC [1816].

P. circumscissa (C:227): leaf spot, tache des feuilles: on 28 Que [333].

P. virginiana (C:227): on 1 Ont [1340].

Phytophthora cactorum (C:227): fruit rot or collar rot, mildiou du collet: on 2, 3, 6, 17 BC [1816]; on 17 BC [339]; on 28 BC [333, 334, 335, 1074 by inoculation].

P. cambivora: on 28 BC [1074] by inoculation.

P. cryptogea: on 28 BC [1074] by inoculation.

Pirex concentricus (Irpex owensii): on 28 BC [1012]. Lignicolous. See *Alnus*.

Pleospora sp.: on 12 BC [1012].

Plicatura crispa (Trogia c.): on 16 Ont [1341]. Lignicolous.

Podosphaera sp.: powdery mildew, blanc: on 15a Alta [1594].

P. clandestina (P. oxyacanthae) (C:227): powdery mildew, blanc: on 3 BC, NS [1594]; on 3, 6, 9, 17, 27a BC [1816]; on 6 BC [338, 339], Ont [1403], NS [339, 1594] and Man, Ont [1257]; on 14 Ont, Que, NS [1257] and NS [1032]; on 17 BC [333]; on 18 Man, Ont [1257]; on 18a Ont [1340]; on 20 Ont [1828]; on 27 BC, Man, Ont, Que, NB [1257] and Alta [F66], Sask, Man [F67], Ont [1340, 1828], NB [1032, F65]; on 28 BC [336, 337], Ont [333, F67], Que [336, 337, 338, 339], NB [339, 1032], PEI [1594] and BC, Ont, Que, NB [1257].

Polyporus brumalis: on 16 Que [1389], NS [1032], Nfld [1659, 1660, 1661]. Lignicolous.

Poria sp.: on 28 NB [1032]. Lignicolous.

P. subacida (C:228): on 9 BC [1012]. See *Abies*.

Porodisculus pendulus (Polyporus pocula): on 16 Nfld [1659, 1660, 1661]. Lignicolous.

Pseudospiropes nodosus: on 9 BC [816].

Punctularia strigosozonata (Phaeophlebia s., Phlebia s.): on 16 Ont [1341]; on 28 Que [969], NB [1032]. See *Alnus*.

Pycnoporus cinnabarinus (Polyporus c.) (C:228): on 16 Ont [1341]; on 28 NB, PEI [1032]. See *Acer*.

Rabenhorstia sp.: on 16 NB [1032].

"Radulum" pallidum: on 16 PEI [1032]. Lignicolous. See *Abies*.

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*): on 13 Ont [3].

Rhizopus sp.: on 17 BC [1595].

R. nigricans (C:228): fruit rot, moisissure chevelue: on 17 BC [333, 334, 335, 336, 339, 1594], Ont [339].

R. stolonifer: on 17 BC [1816].

Schizophyllum commune (C:228): white spongy rot, carie blanche spongieuse: on 2 BC [1012]; on 16 NS [1032]; on 16, 20 Ont [1341].

Schizopora paradoxa (Poria versipora) (C:228): on 9 BC [1012]. See *Abies*.

Schizosaccharomyces sp.: on 17 Ont [1930].

Sclerotinia sp.: on 3 BC [1012].

Septoria pruni: on 27 NS [335, 336].

Sistotrema brinkmannii (Trechispora b.) (C:229): on 9 BC [1012]; on 28 NB [1032]. See *Abies*.

Sphaerotheca pannosa (C:228): powdery mildew, blanc: on 17 Ont [334, 1257]; on 17, 17a BC [1816].

Sporotrichum maritimum: on submerged leaves of 12 BC [5]. The type is lost and the fungus was considered to have been "insufficiently described" [890]. The name has been declared nomen dubium.

Stachybotrys atra: on submerged leaves of 12 BC [5].

Steccherinum fimbriatum (Odontia f.): on 27 NS [1032, 1036]. See *Acer*.

Stereum hirsutum (C:228): on 16 Nfld [1659, 1660, 1661]; on 28 BC [1012]. See *Abies*.

Stigmina carpophila (Coryneum c., Sciniatosporium c.) (C:228): blight, brûlure ou criblure: on 2 BC [336], Ont [333, 334]; on 2, 3, 6, 7, 8, 12, 17 BC [1816]; on 2, 12, 17 BC [333, 335]; on 3 BC [338]; on 4, 28 Sask [1127]; on 17 BC [337, 339, 1594], Ont [339]; on 28 BC [333, 1127], Sask [1760], Que [333].

Stromatocrea cerebriforme (holomorph *Hypocreopsis lichenoides*): on 16 Que [230].

Taphrina sp.: on 16 NS [1032]; on 20 NB [1032].

T. communis (C:228): plum pockets, pochette: on 1 NS [1032, 1925]; on 7 BC [1816], Man [335], Ont [336], NS [334, 335, 590]; on 14 Ont [1340]; on 19 NS [338, 339, 590]; on 28 Sask [337], Que [339], NB [337, 339, 1594], NS [333, 336, 1594] and Sask, Man, Que [333, 338].

T. confusa (C:228): pockets, cloque: on 27 BC [1012], Ont [1340], NB [1032, F66], NS [590, 1032], Nfld [1659, 1660, 1661, F65]; on 27a BC [1816]; on 28 NB [1032], Nfld [1661].

T. deformans (C:228): leaf curl, cloque: on 8, 17 BC [1594]; on 17 BC [333, 334, 336, 338, 339, 1012], Ont [337], Que [334], NS [335, 336, 338, 1594] and Ont, NS [333, 334, 339]; on 17, 17a BC [1816]; on 28 NB, NS, PEI [1032].

T. flectans: on 9 BC [1012]; on 28 BC [F68].

T. pruni (C:228): plum pockets, pochette: on 1 Ont [1828]; on 14 Ont [1340], NB [1032]; on 16 NS [1032]; on 27, 28 Sask, Man [F68]; on 28 NB, NS, PEI [1032].

T. wiesneri (T. cerasi) (C:228): witches'-broom, cloque-balai de sorcière: on 3, 6, 9 BC [1816]; on 3, 28 BC [334]; on 9 BC [1012]; on 16 Que [1377, F69], NS [335, 590], PEI [337, 1032, F64], Nfld [1659, 1660, 1661] and NB, NS [336, 1032, F63, F64]; on 16, 28 Ont [1340]; on 20 NB [338, F65]; on 28 BC [333].

Tomentella sublilacina: on 28 Ont [1341, 1827], Que [1341].

Tranzschelia discolor (C:229): rust, rouille: on 7 BC [1816]; on 28 BC [335]. Ziller [2008] did not accept *T. discolor* as part of the mycoflora of w. Canada and did not mention its occurrence in other parts of North America. Perhaps specimens so named should be referred to *T. pruni-spinosae* var. *discolor*.

T. pruni-spinosae (C:229): rust, rouille: II III on 1, 17, 20, 27 Ont [1236]; on 16 Man [F67], Ont [1341, F65].

T. pruni-spinosae var. *discolor*: rust, rouille: on 7 BC [1012, 2008]. Ziller [2008] has pointed out that this variety should be treated as distinct from *T. discolor*.

Trichaptum abietinus (Hirschioporus a., Polyporus a.) (C:227): on 9 BC [1012]; on 28 NS [1032]. See *Abies*.

T. biformis (Polyporus pargamenus) (C:227): on 20 Ont [1341]; on 27 NB [1032]; on 28 NB, NS, PEI [1032]. See *Acer*.

Trichoderma sp.: on 13 Ont [3].

T. hamatum: on 13 Ont [3].

T. viride: on 13 Ont [3]. See *Abies*.

Troposporella fumosa: on 28 Man [1760].

Tubercularia sp.: on 28 Ont [1340].

T. vulgaris (holomorph *Nectria cinnabarina*): on 15a Alta [F63].

Tubulicrinis glebulosus (Peniophora gracillima) (C:227): on 28 NS [1032]. See *Abies*.

Tympanis prunicola (C:229): on 16 Ont [1340, 1828]; on 27 Sask [F67], Que [F68]; on 28 Ont, Que, NB [1221], NS [1032].

T. spermatiospora (anamorph *Sirodothis populnea*): on 28 Nfld [1661].

Tyromyces chioneus (Polyporus albellus) (C:227): on 9 BC [1012]; on 16 NB [1032], Nfld [1659, 1660, 1661]; on 28 PEI [1032]. See *Abies*.

T. guttulatus (Polyporus g.) (C:227): on 9 BC [1012]. See *Abies*.

Valsa sp. (C:229): canker, chancre cytosporéen: on 16, 28 Ont [1340]; on 17 Ont [334, 336, 337, 339, 1594, 1595].

Vararia investiens: on 28 Ont [557]. See *Abies*.

Venturia pruni: on overwintered leaves of 16 Que [73].

Verticillium sp. (C:229): wilt, flétrissure verticillienne: on 2, 17, 28 Ont [97, 96].

V. albo-atrum (C:229): wilt, flétrissure verticillienne: on 2, 17, 28 Ont [98]; on 17 Ont [334]; on 28 BC [334], Ont [38].

V. dahliae (C:229): wilt, flétrissure verticillienne: on 2 BC [333]; on 2, 3, 6 BC [335, 336, 337, 339, 1816, 1978]; on 2, 6, 17 BC [1980]; on 2, 17, 28 BC [38]; on 17 BC [333, 336, 337, 339, 1816, 1978], Ont [333, 338, 1087].

Zalerion maritimum: on submerged leaves of 12 BC [5].

PSATHYROSTACHYS Nevski GRAMINEAE

See discussion of generic circumscriptions under *Agropyron*.

1. *P. juncea* (Fisch.) Nevski (*Elymus j.* Fisch.), Russian wild rye; imported from Eurasia.

Alternaria alternata (A. tenuis auct.*)* (C:106): on 1 Sask [337].

Ascochyta sp.: on 1 Alta [133].

Bipolaris sorokiniana (Helminthosporium sativum) (holomorph *Cochliobolus sativus*) (C:106): on 1 Alta [120, 133], Sask [961].

Erysiphe graminis (C:106): powdery mildew, blanc: on 1 Alta [133], Sask [1257].

Puccinia impatienti-elymi (P. recondita in part*)* (C:107): leaf rust, rouille des feuilles: on 1 Alta [133]. See comment under *Elymus*.

Septoria elymi (C:107): on 1 Sask [337].

PSEUDOTSUGA Carr. PINACEAE

1. *P. menziesii* (Mirbel) Franco (*P. taxifolia* (Lamb.) Britt.), douglas fir, sapin de Douglas; native, BC-Alta.
2. Host species not named, i.e., reported as *Pseudotsuga* sp.

Aleurodiscus amorphus (C:231): on 1 NWT-Alta [1063], BC [964], Alta [950]. See *Abies*.

A. farlowii (C:231): on 1 BC [964, 1012]. Lignicolous.

A. lividocoeruleus: on 1 BC [964, 1012]. See *Abies*.

A. penicillatus (C:231): on 1 BC [964, 1012]. See *Abies*.

A. spiniger: on 1 BC [964, 1012]. Lignicolous.

A. weirii (C:231): on 1 BC [964, 1012]. Lignicolous.

Alternaria alternata (A. tenuis auct.*)*: on 1 BC [F68].

A. maritima: on submerged panels of 1 BC [782].

Amylostereum chailletii: on 1 BC [1012, 1721]. See *Abies*.

Antrodia carbonica (Poria c.) (C:232): on 1 BC [1003, 1012, 1144, 1341, 1721]. See *Abies*.

A. heteromorpha (Trametes h.): on 1 NWT-Alta [1063], BC [1012]. See *Abies*.

A. lenis (Poria l.) (C:232): on 1 BC [1012]. See *Abies*.

A. lindbladii (Poria cinerascens) (C:232): on 1 BC [1012, 1341]. See *Abies*.

A. serialis (Trametes s.): on 1 NWT-Alta [1063], BC [1012]. See *Abies*.

A. sinuosa (Poria s.): on 1 BC [1012]. See *Picea*.

A. variiformis (Trametes v.): on 1 BC [1012, 1063]. See *Abies*.

A. xantha (Poria x.) (C:233): brown cubical rot, carie brune cubique: on 1 BC [1012, 1721].

Aplosporella sp. (*Haplosporella* sp.): on 1 BC [510, 1012].
Armillaria mellea (C:231): root rot, pourridié-agaric: on 1 NWT-Alta [1063], BC [852, 953, 1012, 1144, 1328, 1721, F60, F66, F67, F76], Alta [952, F62, F65, F66], Nfld [1659, 1660, 1661, 1663, F68, F69]. See *Abies*.
Ascocoryne sarcoides (*Coryne s.*): on 1 NWT-Alta [1063], BC [1012, 1144], Alta [952].
Asterodon ferruginosus (C:231): on 1 BC [1012]. See *Abies*.
Athelia pellicularis: on 1 BC [1012]. Lignicolous. See *Abies*.
Atichia sp. (holomorph *Seuratia* sp.): on 1 BC [1012].
Aureobasidium sp.: on 1 BC [525].
Aureobasidium pullulans: on 1 BC [1012, 1064].
Auriscalpium vulgare (C:231): on fallen cones of 1 BC [1012].
Bactrodesmium obliquum: on 1 BC [1012, 1760].
Basidioradulum radula (*Hyphoderma r.*): on 1 BC [1012]. See *Abies*.
Biatorella resinae (anamorph *Zythia r.*): on 1 BC [1012]. Associated with resin exudates and cankers.
Botryobasidium subcoronatum: on 1 BC [1012]. See *Betula*.
B. vagum: on 1 BC [1012]. See *Abies*.
Botryohypochnus isabellinus: on 1 BC [1012]. See *Abies*.
Botryosphaeria pseudotsugae: on 1 BC [510, 916, F75].
B. tsugae: on 1 BC [F68].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*): on 1 BC [1012, F76].
Caliciopsis pinea: on 1 BC [495 by inoculation, 1012].
C. pseudotsugae (C:231): canker, chancre caliciopsien: on 1 BC [493, 495, 1012, 1340].
Caloscypha fulgens (anamorph *Geniculodendron pyriforme*): on stored seeds of 1 BC [1749]. See *Picea*.
Cephaloascus fragrans: on 1 BC [1012].
Ceratocystis sp.: on 1 BC [1012].
C. allantospora: on 1 BC [1190].
C. angusticollis: on 1 BC [1190].
C. davidsonii: on 1 BC [1190].
C. fasciata: on 1 BC [1190].
C. leucocarpa: on 1 BC [1190].
C. pseudominor: on 1 BC [1190].
C. sagmatospora: on 1 BC [1190].
Ceriosporopsis halima: on submerged wood of 1 BC [782].
Chaetomium elatum (C:231): on 1 BC [1012].
Chalara ungeri: on 1 BC [1165].
Chondropodium pseudotsugae (C:231): on 1 BC [1012].
Chondrostereum purpureum: on 1 BC [1012]. See *Abies*.
Ciboria rufofusca: on 1 BC [663]. Restricted to cone scales.
Cirrenalia macrocephala: on submerged wood of 1 BC [782].
Cladosporium herbarum: on 1 BC [1012].
Claussenomyces pseudotsugae (*Tympanis p.*) (C:233): on 1 BC [1012, F64].
Coccomyces pseudotsugae: on 1 BC [510, 1012, 1609, F75].
Colpoma crispum: on 1 BC [1012].
Coltricia cinnamomea (*Polyporus c.*): on 1 BC [1012]. Typically on sandy soil.
C. perennis (*Polyporus p.*) (C:232): on 1 BC [1012]. See *Abies*.
Confertobasidium olivaceo-album (*Athelia fuscostrata*): on 1 BC [1012]. Lignicolous.
Coniochaeta sp.: on 1 BC [1012].
Coniophora fusispora: on 1 BC [1012, F68]. See *Picea*.
C. olivacea (C:231): on 1 BC [1012]. See *Alnus*.
C. puteana (C:231): on 1 BC [1012, 1721]. See *Abies*.
Connersia rilstonii (*Pseudoeurotium r.*): on submerged wood of 1 BC [782].
Coprinus atramentarius: on 1 BC [1012].
Coriolus pubescens (*Polyporus p.*) (C:232): on 1 BC [1012]. See *Abies*.
C. versicolor (*Polyporus v.*): on 1 BC [1012, 1721, F65]. See *Abies*.
Coronophora sp.: on 1 BC [1012].
Crepidotus herbarum (C:231): on 1 BC [1012].
Crucibulum laeve: bird's nest fungus: on 1 BC [1012]. Typically on rotting wood.
Crustoderma dryinum: on 1 BC [1012]. See *Abies*.
Crustomyces pini-canadensis (*Corticium p.*): on 1 BC [1012]. Lignicolous.
Cryptoporus volvatus (*Polyporus v.*) (C:232): on 1 [180, 1012, 1063, 1150]. See *Abies*.
Cryptosporium sp.: on 1 BC [1012].
Cylindrocarpon destructans (*C. radicicola*): on 1 BC [156, 1750, F70, F71].
C. didymum: on 1 BC [156].
Cytospora sp.: on 1 NWT-Alta [1063], BC [1012, F60], Alta [952].
C. kunzei (holomorph *Leucostoma k.*): on 1 BC [F75].
Dacrymyces capitatus (*Dacryomitra nuda*) (C:231): on 1 BC [1012]. See *Alnus*.
D. palmatus: on 1 BC [1012]. See *Abies*.
Dacryobolus karstenii: on 1 BC [1012]. See *Pinus*.
Dasyscyphus sp.: on 2 BC [1340].
Dendrothele incrustans (*Aleurocorticium i.*): on 1 BC [965, 1012]. Lignicolous.
Dermea sp.: on 1 BC [F64].
D. pseudotsugae (anamorph *Foveostroma boycei*): on 1 BC [499, 512, 852, 1012, 1098, F67, F71, F76].
D. tetrasperma (anamorph *Gelatinosporium lunaspora*): on 1 BC [512, 1012].
Diaporthe lokoyae (anamorph *Phomopsis l.*): on 1 BC [501, 852, 1012, 1098, F68, F71, F74].
Dichomera gemmicola: on 1 BC [526, 1012, 1763, F72].
Dichomitus squalens (*Polyporus anceps*) (C:232): on 1 BC [1012, 1341]. See *Abies*.

Discina ancilis (D. perlata): on 1 BC [1012, F68].

Durandiella pseudotsugae (C:231): on 1 BC [492, 1012].

Echinodontium tinctorium (C:231): Indian paint fungus: on 1 NWT-Alta [1063], BC [1012]. See *Abies*.

Epicoccum sp.: on 1 BC [1012, 1064].

Euantennaria rhododendri (Limacinia alaskensis) (C:232): sooty mold, fumagine: on 1 BC [1012].

Exidia saccharina: on 1 BC [1012]. Lignicolous.

Exidiopsis macrospora: on 1 BC [1012]. Lignicolous.

Flagelloscypha citrispora: on 1 BC [1424]. Lignicolous.

Fomitopsis cajanderi (Fomes c., F. subroseus) (C:231): brown cubical rot, carie brune cubique: on 1 NWT-Alta [1063], BC [954, 1012, 1031, 1341].

F. officinalis (Fomes o.) (C:231): brown cubical rot, carie brune cubique: on 1 NWT-Alta [1063], BC [954, 1012], Alta [951].

F. pinicola (Fomes p.) (C:231): brown cubical rot, carie brune cubique: on 1 NWT-Alta [1063], BC [954, 1012, 1721], Alta [950].

F. rosea (Fomes r.) (C:231): brown cubical rot, carie brune cubique: on 1 BC [1012].

Foveostroma boycei (Micropera b.) (holomorph *Dermea pseudotsugae*): on 2 BC [659].

Fumago sp.: on 1 BC [1012].

Fusarium sp. (C:231): damping-off, fonte des semis: on 1 BC [F75].

F. oxysporum (C:231): on 1 BC [156, 155].

F. oxysporum f. sp. *pini* (C:231): on 1 BC [1012].

F. oxysporum var. *redolens (F. redolens)* (C:231): on 1 BC [156].

Fusicoccum sp.: on 1 BC [1012].

Ganoderma applanatum (C:231): white mottled rot, carie blanche madrée: on 1 BC [1012, 1721]. See *Acer*.

G. oregonense (C:231): on 1 BC [1012]. See *Abies*.

Gelatinosporium fosteri (Micropera f.): on 1 BC [512, 1012].

G. pinicola (Micropera p.): on 1 BC [512, 1012].

G. sinuatum: on 1 BC [517].

G. uncinatum (Micropera u.): on 1 BC [512, 1012].

Gloeocystidiellum furfuraceum (Corticium f.): on 1 BC [1012]. Lignicolous.

G. propinquum: on 1 BC [1012]. Lignicolous.

Gloeophyllum odoratum (Trametes o.) (C:233): brown cubical rot, carie brune cubique: on 1 BC [1012].

G. sepiarium (Lenzites s.) (C:232): brown cubical rot, carie brune cubique: on 1 NWT-Alta [1063], BC [1012, 1341, 1721].

Graphium sp.: on 1 BC [F117, 1012, 1144].

Griseoporia carbonaria (Trametes c.) (C:233): on 1 BC [1012, 1341]. See *Pinus*.

Gymnopilus aeruginosus (Pholiota a.) (C:232): on 1 BC [1012]. Lignicolous.

Gyromitra esculenta (C:231): on 1 BC [1012]. Probably on rotted wood.

Haematostereum rugosum (Stereum r.): on 1 NWT-Alta [1063]. See *Abies*.

H. sanguinolentum (Stereum s.) (C:233): red heart-rot, carie rouge du sapin: on 1 BC [1012, 1144, 1341, 1721, F66, F67]. See *Abies*.

Halonectria milfordensis: on submerged wood of 1 BC [782].

Helotium resinicola (anamorph *Stilbella* sp.): on 1 BC [54, 1012, F69]. An Ascomycete which needs to be redisposed.

Heterobasidion annosum (Fomes a.) (C:231): white pocket rot, maladie du rond: on 1 BC [852, 1012, 1143, 1144, 1721, 1916, F68]. See *Abies*.

Humicola alopallonella: on submerged wood of 1 BC [782].

Hymenochaete fuliginosa (C:231): on 1 BC [1012]. See *Picea*.

H. tabacina: on 1 BC [1012]. See *Abies*.

Hyphoderma praetermissum (H. tenue): on 1 BC [1012, 1721]. See *Abies*.

H. resinosum: on 1 BC [1012]. See *Picea*.

Hyphodontia barba-jovis: on 1 BC [1012]. See *Abies*.

H. subalutacea: on 1 BC [1012]. See *Abies*.

Hypholoma capnoides (Naematoloma c.): on 1 BC [1012, F70]. See *Abies*.

H. fasciculare (Naematoloma f.) (C:232): on 1 BC [1012]. See *Abies*.

Inonotus subiculosus (Poria s.) (C:233): on 1 BC [1012]. See *Abies*.

Ischnoderma resinosum (Polyporus r.) (C:232): on 1 BC [1012]. See *Abies*.

Lachnellula ciliata: on 1 BC [1012].

L. pseudotsugae: on 1 BC [1012].

Laeticorticium minnsiae: on 1 BC [1012]. Lignicolous.

Laetiporus sulphureus (Polyporus s.) (C:232): brown cubical rot, carie brune cubique: on 1 BC [1012, 1721].

Leocarpus fragilis: on 1 BC [1063].

Leucogyrophana mollusca: on 1 BC [1012] and on boards of old building [571]; on 2 BC [581].

L. pinastri: on 2 BC [581, 571].

L. romellii: on 1 BC [571]. See *Abies*.

Leucostoma kunzei (anamorph *Cytospora k.*): on 1 BC [1012].

Limacinia moniliformis var. *quinqueseptata* (C:232): sooty mold, fumagine: on 1 BC [1012].

Lophium mytilinum (C:232): on 1 BC [1012].

Lulworthia medusa: on submerged wood of 1 BC [782].

Mariannaea elegans: on 1 BC [153].

Melampsora sp.: rust, rouille: on 1 BC [F76].

M. medusae (M. albertensis) (C:232): needle rust, rouille des aiguilles: on 1 NWT-Alta [1063], BC [953, 1012, 1064, 1125 by inoculation, 1341, 2002 by inoculation, F61, F62, F64, F65, F66, F67, F68, F73, F76], Alta [950, 952, 1999].

N. occidentalis (C:232): needle rust, rouille des aiguilles: on 1 NWT-Alta [1063], BC [1012, 1125 by inoculation, 2002 by inoculation, F64, F65, F74], Alta [952].

Melampsorella caryophyllacearum: on 1 BC [F67]. Usually the coniferous host is *Abies* [2008].

Meruliopsis taxicola (Poria t.): on 1 BC [1012, 1721]. See *Abies*.

Merulius tremellosus: on 1 BC [568, 1012, 1721]; on 2 BC [568]. See *Abies*.

Microthelia linderi (M. maritima): on submerged wood of 1 BC [782].

Monodictys pelagica: on submerged wood of 1 BC [782].

Naematoloma sp.: on 1 BC [1012]. Specimens probably referrable to *Hypholoma*.

Nectria sp.: on 1 BC [1012].

Neournula nordmanensis: on 1 BC [1224].

Nidula niveotomentosa (N. microcarpa): bird's nest fungus: on 1 BC [1012]. Typically on rotted wood.

Nitschkia molnarii: on 1 BC [518].

Odontia lactea (C:232): on 1 BC [1012]. See comment under *Abies*.

Onnia circinata (Polyporus tomentosus var. *c.)* (C:232): red butt rot, carie rouge alvéolaire: on 1 BC [1012]. See *Abies*.

O. tomentosa (Polyporus t. var. *t.)*: on 1 BC [1012]. See *Abies*.

Ostenia obducta (Polyporus osseus) (C:232): on 1 BC [1012]. See *Abies*.

Paecilomyces carneus: on 1 BC [151].

Panellus mitis (Pleurotus m.) (C:232): on 1 BC [1012].

P. serotinus (Pleurotus s.): on 1 BC [1012, F66]. See *Acer*.

P. stipticus (Panus s.): on 1 BC [1012]. See *Alnus*.

Paxillus atrotomentosus (C:232): on 1 BC [1012]. Associated with a brown rot.

P. panuoides (C:232): on 1 BC [1012]. Associated with a brown rot. Now in *Tapinella*.

Penicillium sp.: on 1 BC [155, 1144].

Peniophora piceae (P. separans) (C:232): on 1 BC [1012]. See *Abies*.

P. pseudopini (C:232): on 1 BC [1012, 1941]. See *Abies*.

P. septentrionalis (C:232): red heart rot, carie rouge du coeur: on 1 BC [1012]. See *Abies*.

Pezicula livida (anamorph *Cryptosporiopsis abietina*): on 1 BC [1012, F73].

P. populi (Neofabraea p.): on 1 BC [1012].

Pezizella chapmanii: on 1 BC [1012, 1946].

Phacidiopycnis pseudotsugae (holomorph *Potebniamyces coniferarum*): on 1 NWT-Alta [1063].

Phacidium abietis (C:232): on 1 BC [954, 1012, 1444].

P. infestans: on 1 NWT-Alta [1063], BC [954, F60]. Records are suspect. See note under *Abies*.

Phaeocryptopus gaeumannii (C:232): needle cast, rouge: on 1 BC [73, 852, 1012, 1340]. Typically on live needles.

Phaeolus schweinitzii (Polyporus s.) (C:232): brown cubical rot, carie brune cubique: on 1 BC [1012, 1341, F76].

Phanerochaete sanguinea (Peniophora s.) (C:232): on 1 BC [1012]. See *Abies*.

P. carnosa (Peniophora c.) (C:232): on 1 BC [1012]. See *Abies*.

Phellinus ferreus (Poria f.) (C:232): white rot, carie blanche: on 1 BC [1012].

P. ferrugineofuscus (Poria f.): on 1 BC [1012]. See *Abies*.

P. nigrolimitatus (Fomes n.) (C:231): white pocket rot, carie blanche alvéolaire: on 1 BC [1012].

P. pini (Fomes p.) (C:231): red ring rot, carie blanche alvéolaire: on 1 NWT-Alta [1063], BC [953, 1012, 1341], Alta [950], NB [1032]. See *Abies*.

P. punctatus (Poria p.): on 1 BC [1012]. See *Abies*.

P. repandus (Fomes r.) (C:231): on 1 BC [1012, 1341, F67]. Associated with a white pocket rot.

P. robustus (Fomes r.) (C:231): white spongy rot, carie blanche spongieuse: on 1 BC [1012].

P. tsugina (Poria t.): on 1 BC [F65]. See *Abies*.

P. viticola (Fomes v.): on 1 BC [1012]. See *Abies*.

P. weirii (Poria w.) (C:233): yellow ring rot, carie jaune annelée: on 1 BC [87, 157, 852, 1012, 1142, 1912, 1913, 1915, 1917, F63, F75]. See *Abies*. Causes a root rot which is a major problem in the young stands of coastal BC.

Phlebia centrifuga (P. albida auct.*)*: on 1 BC [1012]. See *Abies*.

P. livida (Corticium l.): on 1 BC [1012, 1721]. See *Abies*.

P. phlebioides (Peniophora p.) (C:232): on 1 BC [1012, 1721]. See *Abies*.

P. radiata: on 1 BC [568, 1012]. See *Abies*.

P. segregata (Peniophora livida): on 1 BC [1012]. Lignicolous.

Phlebiopsis gigantea (Peniophora g.) (C:232): white sap rot, carie blanche de l'aubier: on 1 BC [1012, 1721]. See *Abies*.

Pholiota decorata (Flammula d.): on 1 BC [1012].

P. destruens: on 1 BC [1012]. See *Populus*.

Phoma sp.: on 1 BC [1012].

Phomopsis sp.: on 1 BC [1340].

P. lokoyae (teleomorph *Diaporthe l.*): on 1 NWT-Alta [1063], BC [1012, 1340, F67], Alta [951].

P. porteri: on 1 BC [510, 1012].

Phragmoporthe pseudotsugae: on 1 BC [510, 1012, F75].

Piloderma bicolor (Corticium b.) (C:231): on 1 BC [1012]. See *Abies*.

Pistillaria sp.: on 1 BC [1012]. Presumably on fallen needles.

Pithya vulgaris: on 1 BC [1012].

Pleurocybella porrigens (Pleurotus p., P. albolanatus) (C:232): on 1 BC [1012]. Lignicolous.

Plicatura crispa (Trogia c.) (C:233): on 1 BC [1012]. Lignicolous.

Polyporus hirtus (C:232): on 1 BC [1012]. Presumably associated with a white rot.

P. varius (P. elegans) (C:232): on 1 BC [1012]. See *Abies*.

Poria rivulosa (P. albipellucida): on 1 BC [1012, 1341, 1721]. See *Abies*.

P. subacida (C:233): on 1 BC [M160, 1721]. See *Abies*.

P. tenuis var. *pulchella* (C:232): on 1 BC [1012]. See *Pinus*.

P. zonata: on 1 BC [1012]. Associated with a white pocket rot.

Potebniamyces coniferarum (anamorph *Phacidiopycnis pseudotsugae*): on 1 BC [1012, F66].

Pragmopycnis pithya (holomorph *Pragmopora p.*): on 1 BC [1765, 1763, F75].

Pragmopora pithya (anamorph *Pragmopycnis p.*): on 1 BC [953, 1012]; on 2 BC [657].

Propolis sp.: on 1 BC [1012].

Pseudohydnum gelatinosum (C:233): on 1 BC [1012]. Probably on rotted wood.

Pycnoporellus fulgens (Polyporus fibrillosus) (C:232): on 1 BC [1012, 1179]. See *Abies*.

Pythium sp.: on 1 BC [1012, F70].

P. intermedium: on 1 Alta [745].

Raffaelea canadensis: on 1 BC [109].

Ramaria stricta var. *concolor*: on 1 BC [1012]. On dead wood.

Resinicium bicolor (Odontia b.) (C:232): white stringy rot, carie blanche filandreuse: on 1 BC [1012, 1144, 1721].

Retinocyclus abietis (C:233): leader dieback, dépérissement: on 1 BC [1012].

Rhabdocline pseudotsugae (C:233): needle cast, rouge: on 1 NWT-Alta [1063], BC [338, 852, 953, 1234, 1926, 1927, F60, F61, F62, F63, F64, F65, F66, F67, F68, F69, F73, F74, F75, F76], Alta [951, 952, F61, F67, F69].

R. pseudotsugae ssp. *epiphylla*: on 1 BC [1012, 1234].

R. pseudotsugae ssp. *pseudotsugae*: on 1 BC [1012], Alta [F69].

R. weirii: on 1 BC [F69] and BC, Alta [1234].

R. weirii ssp. *oblonga*: on 1 NS [F75].

R. weirii ssp. *obovata*: on 1 BC [1012, 1234].

R. weirii ssp. *weirii*: on 1 BC [1012], Alta [F69].

Rhabdogloeum sp.: on 1 BC [1340].

R. pseudotsugae (C:233): on 1 BC [1012, 1340]; on 2 BC [1164]. Typically associated with *Rhabdocline*.

Rhinocladiella mansonii: on 1 BC [1012].

Rhizina undulata: on 1 BC [562, 564, 1012, F67, F68, F70]. Caused mortality of seedlings planted on recently clear-cut then burned sites.

Rigidoporus sp.: on 1 BC [1721].

R. nigrescens (Poria n.) (C:232): on 1 BC [1012, F61]. See *Acer*.

Rosellinia herpotrichioides (C:233): needle blight, brûlure des aiguilles: on 1 BC [1012].

Schizopora paradoxa (Poria versipora) (C:233): on 1 BC [1012]. See *Abies*.

Sclerophoma sp.: on 1 BC [1012, F67].

S. pithya: on 1 BC [1827].

S. pithyophila (holomorph *Sydowia polyspora*): on 1 BC [1098, F67, F71, F75, 525].

Scytinostroma arachnoideum (C:233): on 1 BC [555, 1012]. Associated with a white rot.

S. galactinum (Corticium g.) (C:231): white stringy rot, carie blanche filandreuse: on 1 BC [1012, 1721].

Scytinostromella humifaciens (Peniophora h.) (C:232): on 1 BC [1012].

Sebacina sp.: on 1 BC [1012].

Septonema dendryphioides: on 1 BC [1012].

Serpula himantioides: on 1 BC [1012]. See *Abies*.

S. incrassata (Poria i.): on 1 BC [1012, F67]. See *Picea*.

S. lacrimans: on 1 BC [1012]. See *Abies*.

Seuratia millardetii: on 1 BC [1042].

Sirococcus conigenus (S. strobilinus): on 1 BC [1012].

Sirodothis sp. (holomorph *Tympanis* sp.): on 1 BC [1012].

Sistotrema brinkmannii (Trechispora b.): on 1 BC [1012, 1144, 1721]. See *Abies*.

Skeletocutis amorpha (Polyporus a.) (C:232): on 1 BC [1012]. See *Abies*.

S. subincarnata (Poria s.) (C:233): on 1 BC [1012]. See *Abies*.

Sorocybe resinae: on 1 BC [1012].

Sparassis radicata (C:233): root rot, pourridié sparassien: on 1 BC [1012]. Associated with a brown rot of roots and butts of live trees. The decayed wood is very similar to wood decayed by *Phaeolus schweinitzii*.

Steccherinum ochraceum (C:233): on 1 BC [1012]. See *Acer*.

Stereum ostrea (C:233): on 1 BC [1012]. See *Abies*.

Strigopodia batistae: on 1 BC [786].

Strobilurus albipilatus: on senescent and buried cones of 1 BC [1431].

S. trullisatus: on 1 BC [1431]. Reported in Lowe [1012] and Conners [C:321] as *Collybia albipilata* and *C. conigenoides* but the specimens are *S. trullisatus* [1431].

Sydowia polyspora (anamorph *Sclerophoma pithyophila*): on 1 BC [1012].

Thelephora sp.: on 1 BC [1012].

T. terrestris: on 1 BC [F68]. See *Pinus*.

Therrya pseudotsugae: on stems of 1 BC [519].

Tiarosporella pseudotsugae: on 1 BC [1012], Alta [1947].

Tomentella ellisii (T. microspora): on 1 BC [929, 1341, 1827].

T. sublilacina: on 1 BC [1012, 1341].

Tomentellina fibrosa (Kneiffiella f.): on 1 BC [1012, 1341].

Trechispora mollusca (T. onusta): on 1 BC [1012].

Tremella encephala (C:233): on 1 BC [1012]. See *Abies*.

Trichaptum abietinus (Hirschioporus a., Polyporus a.) (C:232): white pitted sap rot, carie blanche de l'aubier: on 1 NWT-Alta [1063], BC [1012, 1721], Alta [951]. See *Abies*.

T. laricinus (Hirschioporus l.): on 1 BC [1028]. See *Abies*.

Trichoderma sp.: on 1 BC [1144].

T. viride: on 1 BC [155]. See *Abies*.

Trichothecium roseum: on 1 BC [1012, F60].

Truncatella sp.: on 1 BC [1012].

Tubulicrinis glebulosus (T. gracillimus): on 1 BC [1012]. See *Abies*.

Tympanis laricina: on 1 BC [1012].

Tyromyces balsameus (Polyporus b.) (C:232): brown cubical rot, carie brune cubique: on 1 BC [1012, F61].

T. caesius (Polyporus c.) (C:232): on 1 BC [1341]. See *Abies*.

T. fragilis (Polyporus f.) (C:232): on 1 BC [1012, 1341]. See *Abies*.

T. guttulatus (Polyporus g.): on 1 BC [1012]. See *Abies*.

T. leucospongia (Polyporus l.) (C:232): on 1 BC [1012]. See *Abies*.

T. mollis (Polyporus m.) (C:232): on 1 BC [1012]. See *Abies*.

T. perdelicatus (Polyporus p.) (C:232): on 1 BC [1012]. Associated with a brown rot.

T. placenta (Poria p., P. monticola) (C:232): on 1 BC [1012, 1721]. See *Pinus*.

T. sericeomollis (Polyporus s.): on 1 BC [1012]. See *Abies*.

T. stipticus (Polyporus s., P. immitis): on 1 BC [1012]. See *Abies*.

T. undosus (Polyporus u.) (C:232): on 1 BC [1012]. See *Abies*.

Ulocladium consortiale: on submerged wood of 1 BC [782].

Valsa sp.: on 1 BC [193].

V. abietis (C:233): canker, chancre cytosporéen: on 1 BC [1012].

Vararia granulosa (C:233): on 1 BC [1012, 1721]. See *Abies*.

Verticicladiella abietina (C:233): on 1 BC [874].

V. brachiata (C:233): on 1 BC [874, 1012].

V. wagenerii: on 1 BC [1012, F76].

Vesiculomyces citrinus (Gloeocystidiellum c.): on 1 BC [1012]. See *Abies*.

Wolfiporia extensa (Poria cocos) (C:232): on 1 BC [1012, 1721]. See *Betula*.

Wrightoporia lenta (Poria l.): on 1 BC [1012]. See *Abies*.

Xenasma filicinum: on 1 BC [1012].

X. rallum: on 1 BC [1012, 967]. Lignicolous.

X. tulasnelloideum: on 1 BC [1012]. Lignicolous.

Xenasmatella inopinata (Corticium i.) (C:231): on 1 BC [1012].

Xenomeris abietis: on 1 BC [525, 852, 1012, 1098, F69].

Xeromphalina campanella (C:233): white stringy rot, carie blanche filandreuse: on 1 BC [1012, 1721].

Zalerion maritimum: on submerged wood of 1 BC [782].

PSILOTUM Sw. PSILOTACEAE

Epiphytic, clump-forming, rootless, leafless plants widely distributed in the tropics and subtropics.

1. *P. nudum* (L.) Beauv., whisk fern; imported, e. North America.

Gliocladium roseum: on 1 Ont [336, 837].

PSORALEA L. LEGUMINOSAE

1. *P. argophylla* Pursh; native, Alta, Man.

Fusicladium psoraleae: on 1 Man [829].

Uromyces psoraleae (C:233): rust, rouille: on 1 Man [1838].

PTERIDIUM Scop. POLYPODIACEAE

1. *P. aquilinum* (L.) Kuhn, bracken, fougère d'aigle; native, BC-Alta, Man-Nfld. 1a. *P. a.* var. *latiusculum* (Desv.) Underw. (*P. latiusculum* (Desv.) Hieron.); native, BC-Alta, Man-Nfld. 1b. *P. a.* var. *pubescens* Underw.; native, BC-Alta, Ont-Que.
2. Host species not named, i.e., reported as *Pteridium* sp.

Cryptomycella pteridis (Gloeosporium leptospermum, G. obtegens) (holomorph *Cryptomycina p.*): on 1a Que [282]; on 2 Ont [1340].

Cryptomycina pteridis (anamorph *Cryptomycella p.*) (C:234): on 1a Ont [1340], Que [282]; on 1b BC [1012, 1816].

Flagelloscypha citrispora: on 1 BC [1424].

Mycosphaerella aquilina: on 1 Ont [1340].

M. pteridicola: on 1 Ont [1340].

Myiocopron sp.: on 2 Ont [1827].

Pellidiscus pallidus: on 1 BC [1424].

Rhopographus filicinus: on 1a Ont [1827].

Thelephora terrestris: on 1 BC [1012]. See *Pinus*.

Uredinopsis sp.: rust, rouille: on 2 NS [1036].

U. hashiokai (C:234): rust, rouille: on 1b BC [1012, 1816, 2008].

U. pteridis (U. macrosperma) (C:234): rust, rouille: on ?1 Que [F66]; on 1b BC [1012, 1816, 2008]; on 2 BC [1341].

Valdensia heterodoxa (holomorph *Valdensinia h.*): on 1 BC [1438].

PUCCINELLIA Parl. GRAMINEAE

1. *P. angustata* (R. Br.) Rand. & Redf.; native, Frank.
2. *P. hauptiana* (Krecz.) Kitagawa; native, Yukon, Alta, Ont.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:234): on 1 Frank [664, 1586].

Erysiphe graminis (C:234): powdery mildew, blanc: on 1 Frank [1255, 1586].

Pseudoseptoria everhartii (Selenophoma e.) (C:234): on 2 BC [1731]. The host plant is not known from BC.

Spermospora subulata (C:234): on 2 BC [1731]. See above.

Ustilago salvei (U. striiformis auct.): on 1 Frank [1586].

PYCNANTHEMUM Michx. LABIATAE

Erect perennial herbs of North America with a pungent, mint-like odor when crushed.

1. *P. flexuosum* (Walt.) BSP.; native, s. Ont.
2. *P. virginianum* (L.) Durand & Jackson, Virginia mountain-mint, pycnanthème de Virginie; native, Ont-Que.

Puccinia menthae: rust, rouille: 0 I II III on 1, 2 Ont [1236].

PYRACANTHA M. Roem. ROSACEAE

1. *P. coccinea* Roemer (*Cotoneaster pyracantha* (L.) Spach), scarlet fire thorn, buisson ardent écarlate; imported from Eurasia.

Nectria cinnabarina (anamorph *Tubercularia vulgaris*): on 1 NWT-Alta [1063].

Spilocaea pyracanthe (Fusicladium p.) (C:235): scab, tavelure: on 1 BC [1816].

PYROLA L. PYROLACEAE

1. *P. asarifolia* Michx., pink wintergreen, pyrole à feuilles d'Asaret; native, Yukon-Mack, BC-Nfld. 1a. *P. a.* var. *a.* (*P. bracteata* Hook.); native, transcontinental but less northern than *P. a.* var. *purpurea*. 1b. *P. a.* var. *purpurea* (Bunge) Fern., bog wintergreen, pyrole des marais; native, transcontinental.
2. *P. dentata* Sm.; native, BC.
3. *P. elliptica* Nutt., shinleaf, pyrole elliptique; native, BC-Nfld.
4. *P. minor* L., lesser wintergreen, pyrole mineure; native, Yukon-Keew, BC-Nfld, Labr.
5. *P. picta* Sm. (*P. aphylla* Sm.), white-veined shinleaf; native, BC.
6. *P. rotundifolia* L., roundleaf pyrola, pyrole à feuilles rondes; native, Ont-Nfld. 6a. *P. r.* var. *americana* (Sw.) Fern. (*P. americana* Sweet), American wintergreen, pyrole d'Amérique; native, Ont-Nfld.
7. *P. secunda* L., one-sided pyrola, pyrole unilatérale; native, Yukon-Keew, BC-Nfld, Labr.
8. *P. virens* Schweigger, greenish wintergreen, pyrole à fleurs verdâtre; native, Yukon-Mack, BC-Nfld, Labr.
9. Host species not named, i.e., reported as *Pyrola* sp.

Chrysomyxa pirolata (C. pyrolae) (C:235): rust, rouille: on 1 Yukon, Alta [1402]; on 1, 1a, 5, 7, 8 BC [1816]; on 1a, 1b, 2, 5, 7, 8 BC [1012]; on 1, 3, 4, 6a, 7, 8, 9 Ont [1236]; on 1, 4 Alta [644]; on 1, 7, 9 Ont [1341]; on 1, 7, 8, 9 NWT-Alta [1063]; on 1, 8, 9 Alta [53, 951, 952]; on 3, 6a, 7 Que [1377]; on 4 Yukon [460]; on 7 Yukon [7], Mack [F67]; on 7, 9 BC [954]; on 7, 8, 9 Mack [53]; on 8 Mack [168, F65]; on 9 Yukon, NWT, BC, Alta, Sask, Man [2008], Alta [950, F61], Ont [1828]. Alternate stages on *Picea* spp.

Lophodermium pyrolae (C:235): on 1a BC [1816]; on 1b BC [1012].

Melampsora epitea: on 9 Nfld [1661].

Mycosphaerella minor (C:235): on 7 Que [70].

M. tassiana var. *arthopyrenioides* (C:235): on 7 Que [70].

Pucciniastrum pyrolae (C:235): rust, rouille: II III on 1 Mack [53, F63], Alta [951]; on 1, 1a, 7, 8 BC [1816]; on 1a, 7, 8 BC [1012]; on 1, 4, 7, 8, 9 NWT-Alta [1063]; on 3, 7 Ont [1236]; on 4 Que [1236]; on 4, 9 Alta [F64]; on 7 Yukon [7, 460], Que [282]; on 7, 8 Alta [952]; on 7, 8, 9 Mack, Alta [53]; on 9 Yukon, NWT, BC, Alta, Sask, Man [2008], BC [644], Alta [F61].

PYRUS L. ROSACEAE

1. *P. arbutifolia* (L.) L. (*Aronia a.* (L.) Elliott), red chokeberry; Man-NS, PEI, Nfld.
2. *P. communis* L., common pear, poirier; imported from Eurasia.
3. *P. longipes* Coss. & Dur.; imported from Algeria.

Alternaria alternata: on 2 NS [990].

Apiosporina collinsii: on *P.* sp. Nfld [1661]. Known in Canada only on *Amelanchier* [292], perhaps the host was misdetermined.

Botryosphaeria obtusa (Physalospora o.): on 2 NS [335, 336, 1594].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:235): gray mold, moisissure grise: on 2 BC [1816].

Coniothyrium pirinum (C:236): frog-eye spot, tache ocellée: on 2 Que [339].

Cryptosporiopsis malicorticis (Gloeosporium perennans) (holomorph *Pezicula m.*): on 2 BC [338].

Cylindrocarpon heteronema (C. mali): on 2 BC [1816].

Cytospora sp. (C:236): canker, chancre cytosporéen: on 2 BC [1816].

Fusicladium pyrorum (holomorph *Venturia pirina*): on 2 BC [1816].

Gloeodes pomigena (C:236): sooty blotch, tache de suie: on 2 Ont [334], NS [336].

Gymnosporangium clavariiforme (C:236): rust, rouille: on 2 BC [1816], NS

[1262]. The host for [1262] was redetermined (J.A. Parmelee, 1983) as *Cydonia vulgaris* and the other record probably was on *C. vulgaris*.

G. clavipes (C:236): rust, rouille: 0 I on 1 NB [1240]; on *P.* sp. NS [1032].

G. fuscum (C:236): trellis rust, rouille grillagée du poirier: 0 I on 2 BC [335, 337, 338, 1012, 1198, 1240, 1253, 1816, 2000, 2008]; on *P.* sp. BC [181, 1247, F60]; and on *Pirophorum* BC [833].

G. globosum: rust, rouille: on 2 Ont [1268]. The rust and the host have been redetermined (J.A. Parmelee, 1983) as *G. juniperi-virginianae* and *Malus* sp., respectively.

Monilinia fructicola (C:236): brown rot, pourriture brune: on 2 BC [336].

M. laxa (C:236): blossom and twig blight, pourriture brune: on 2 BC [338, 1816].

Mucor piriformis: on 2 BC [1006].

Nectria cinnabarina (anamorph *Tubercularia vulgaris*): on 2 NS [1594].

N. galligena (C:236): European canker, chancre européen: on 2 BC [1416].

Phialophora sp.: on 2 BC [1816].

P. ?malorum (C:236): side rot, pourriture phialophoréene: on 2 BC [334].

Phomopsis ambigua: on 2 NS [335].

Phytophthora cactorum (C:236): collar rot, mildiou du collet: on 2 BC [333, 339, 1073, 1074, 1816], Ont [336], Ont, NS [335], NS [1594].

P. cambivora: on 2 BC [1074, 1816].

P. cryptogea: on 2 BC [1074].

Podosphaera leucotricha (C:236): powdery mildew, blanc: on 2 BC [333, 336, 1816], NS [335].

Rhizopus nigricans (C:236): on 2 BC [336], Ont [335].

Sclerotinia sclerotiorum: on 2 BC [339].

Taphrina bullata (C:236): leaf blister, cloque des feuilles: on 2, 3 BC [1816].

Valsa sp.: on 2 BC [1012].

Venturia inaequalis: on 2 BC [1012]. Perhaps a specimen of *V. pirina*.

V. pirina (anamorph *Fusicladium pyrorum*) (C:236): scab, tavelure: on 2 BC [1012], BC, Ont, Que, NB, NS [290, 333], BC, Ont, NB [334, 335], BC, NB [338, 1594], NB [337, 339], NB, NS [336], PEI [290], cosmopolitan on leaves, fruit and twigs [73].

QUERCUS L. FAGACEAE

1. *Q. alba* L., white oak, chêne blanc: native, s. Ont-s. Que, NS.
2. *Q. bicolor* Willd., swamp white oak, chêne bleu; native, s. Ont-s. Que (Montreal area and s.).
3. *Q. coccinea* Muench., scarlet oak, chêne écarlate; native in e. USA, formerly thought to occur in Ont.
4. *Q. garryana* Dougl., Garry oak, chêne de Garry; native, e. coast Vancouver Island and lower Fraser River, BC.
5. *Q. macrocarpa* Michx., bur oak, chêne à gros glands; native, e. Sask-NB.
6. *Q. muhlenbergii* Engelm., chinquapin oak, chêne jaune; native, s. Ont.
7. *Q. nigra* L., water oak, chêne aquatique; imported from e. USA.
8. *Q. palustris* Muench., pin oak, chêne des marais; native, s. Ont.
9. *Q. prinus* L., chestnut oak, chêne châtaignier; native, s. Ont.
10. *Q. robur* L., English oak, chêne rouvre; imported from Eurasia.
11. *Q. rubra* L., red oak, chêne rouge; native, Ont-PEI. 11a. *Q. r.* var. *borealis* (Michx. f.) Farw., northern red oak, chêne rouge du Nord; native, Ont-PEI.
12. *Q. velutina* Lam., black oak, chêne noir; native, s. Ont.
13. Host species not named, i.e., reported as *Quercus* sp.

Acremonium boreale: on 5 BC, Alta, Sask [1707].

Aleurodiscus canadensis: on 11a Ont [1341]. See *Abies*.

Amphiporthe raveneliana (Cryptodiaporthe densissima, Diaporthe leiphaemia var. *r.)* (C:237): on 1, 11 Ont [F60, F61]; on 1, 11a Ont [1828]; on 1, 11a, 13 Ont [1340]; on 11a Ont [1827]; on 13 Ont [1440, F63].

Antrodia oleracea (Poria o.): on 11 Que [F71]. Associated with a brown rot.

A. xantha (Poria x.): on 11 Que [F71]; on 13 Ont [1341]. See *Abies*.

Apiognomonia errabunda (anamorph *Discula umbrinella*): on 1, 2, 5, 6, 11a, 13 Ont [1340]; on 5 Man [F65]; on 5, 13 NB [1032]; on 11a NB, NS [1032]. See *Fraxinus*.

A. quercina (Gnomonia q.) (C:237): anthracnose, anthracnose: on 11a Que [336]; on 13 Ont [79].

A. veneta (Gnomonia v.): on 1 Que [1377].

Armillaria mellea (C:237): root rot, pourridié-agaric: on 4 BC [1012]; on 5 Sask, Man [F67]; on 11 Ont [F63]; on 13 Que [1377]. See *Abies*.

Articulospora tetracladia: on 11 BC [43].

Botryobasidium sp.: on 13 Ont [1828].

Botryosphaeria melanops (C:237): on 11, 13 Ont [1614].

B. quercuum (C:237): on 11 Ont [F68]; on 11, 13 [1614]; on 11a Ont [1340, 1827], NS [1614].

Byssocorticium atrovirens: on 13 Ont [1827].

Cacumisporium capitulatum: on 13 Ont [586].

Catenuloxyphium semiovatum: on 13 Ont [798].

Ceratocystis acericola: on 11a Ont [1340].

C. stenospora: on 11a Ont [647, 1340].

C. tenella: on 11a Ont [647, 1340].

Cerrena unicolor (Daedalea u.): on 13 Ont [1341]. See *Acer*.

Chalara brevispora: on 13 Ont [1165].

Cladosporium sp.: on 5, 11a Ont [1340]; on 11 Que [F64].

Coccomyces coronatus: on 11a Ont [1340]; on 13 Ont [1609].

C. triangularis: on 1 Ont [1609].

C. tumidus: on 11 Ont [1609].

Colpoma quercinum: on 1, 2, 13 Ont [1340].

Coniophora sp.: on 13 Ont [1341].

C. puteana: on 13 Ont [1828], NS [1032]. See *Abies*.

Conoplea globosa: on 11a Ont [1340]; on 13 Ont [784].

Coriolus hirsutus (Polyporus h.) (C:238): white spongy rot, carie blanche spongieuse: on 4 BC [1012]; on 11a Ont [1341].

C. pubescens (Polyporus p.) (C:238): on 13 Ont [1341]. See *Abies*.

C. versicolor (Polyporus v.) (C:238): on 1, 11a Ont [1341]; on 4 BC [1012]; on 11a NS [1032]. See *Abies*.

Corticium sp.: on 13 Ont [1827].

Coryneum japonicum: on 1, 13 Ont [1762]; on bark of 13 Ont [1763].

C. megaspermum: on bark of 13 Man [1763].

C. megaspermum var. *cylindricum*: on 13 Ont [1762, 1763].

C. megaspermum var. *megaspermum*: on 5 Man [1762]; on 13 Ont [1762].

C. umbonatum (C. canadense, C. kunzei) (holomorph *Pseudovalsa longipes*) (C:237): on 1 Ont [195, 1762]; on 1, 5, 13 Ont [1340]; on 1, 11 Ont [F71]; on 1, 11a Ont [1828]; on 11 Ont, Que [F72]; on 13 Ont [1763].

Cristella sp.: on 13 Ont [1341]. Probably *Sistotrema* or *Trechispora*.

Cronartium quercuum (C:237): rust, rouille: II III on 11 Ont [F69]; on 11, 12 Ont [735, 1236]; on 11a Ont [1341, 1827]; on 13 Ont [1236, 1377].

Cryptocline cinerescens (Gloeosporium c.) (C:237): on 11 NS [F60]; on 11a NS [1032].

Cytospora intermedia: on 5 Ont [1340]; on 11 Ont [F70]; on 11a Ont [1828].

Daedaleopsis confragosa (Daedalea c.): on 11a Ont [1341]. See *Acer*.

Daedalea quercina (C:237): on 11a NB [1032]; on 11a, 13 Ont [1341]. See *Fagus*.

Dendrothele alliacea (Aleurocorticium a.): on 1 Ont and on 5 Man [965]. Lignicolous.

D. candida (Aleurocorticium c.): on 4 BC [965, 1012]. Lignicolous.

D. griseo-cana (Aleurocorticium g.): on 5 Man and on 13 Ont [965]. Lignicolous.

D. microspora (Aleurocorticium m.): on 13 Ont [965].

Diaporthe sp.: on 11a Ont [1340].

D. leiphaemia (C:237): on 10 Ont [339]; on 11a NB [1032]. Probably a *Amphiporthe* and a European species [79].

Diatrype albopruinosa: on 13 Ont [1354].

Diplodia quercus (C:237): on 11 Ont [F60]; on 11a Ont [1340].

Diplodina sp.: on 11a Ont [1340, 1828].

Discula umbrinella (D. quercina, Gloeosporium q.) (holomorph *Apiognomonia errubunda*) (C:237): leaf spot, tache des feuilles: on 1 Ont [339, F69, F76]; on 1, 5 Ont [1827]; on 5 NB [F63]; on 11 Ont [F74, F75], NB, NS [F65], NB, NS, PEI [F66], NS [F72]; on 11a NB, NS [338].

Dothiorella sp.: on 1, 11a Ont [1828].

D. advena (C:237): on 11 Ont [F67, F68], Que [F72]; on 11a Ont [1340].

D. quercina: on 1, 7, 11a, 13 Ont [1340]; on 4 BC [1012, 1340]; on 11 Ont [F68, F70, F71, F74, F76]; on 13 Ont [F63].

Exidia glandulosa (E. spiculosa): on 11a Ont [1341]. Lignicolous.

E. recisa: on 13 Que [570]. Lignicolous.

Exidiopsis grisea: on 4 BC [1012]. Lignicolous.

Favolus alveolaris: on 11a Ont [1341]. See *Acer*.

Fumago vagans: on 13 Ont [798]. See comment under *Corylus*.

Fusicoccum sp.: on 11a Ont [1828].

F. ellisianum (C:237): on 4 BC [1012].

Ganoderma applanatum (Fomes a.) (C:237): on 1, 11a Ont [1341]; on 4 BC [1012]; on 11a Que [1377]; on 11a, 13 NS [1032]. See *Acer*.

G. lucidum: on 1 Ont [1341]. See *Abies*.

Gloeocystidiellum leucoxanthum: on 4 BC [1012]. See *Acer*.

Gloeosporium sp.: on 1 Ont [1827]; on 5 Man [F60]; on 11a Ont [1340, 1828].

Gnomonia setacea: on 1, 5 Ont [1340].

Graphostroma platystoma: on 13 Ont, Que, NS [1343].

Grifolia frondosa (Polyporus f.) (C:238): on 13 Ont [F66], NB, NS [1032]. Associated with a white rot.

Haematostereum gausapatum (Stereum g.) (C:238): on 4 BC [1012]; on 11a Ont [1341]. See *Alnus*.

Helminthosporium velutinum: on 5 Man [810].

Hercospora taleola (Diaporthe t.) (C:237): on 1 Ont [1440]; on 1, 5, 11a Ont [1340]; on 11 Ont [F60].

Hericium americanum (H. coralloides N. Amer. auct.*)*: on 4 BC [1012]; on 11a Ont [1341]; on live or dead trunks of 13 Que [1385].

H. erinaceus: on 11a Ont [1341]. See comment under *Acer*.

Hydnochaete olivaceum (Irpex cinnamomea) (C:238): on 1, 11a Ont [1341]; on 11a NB, NS [1032]; on 13 NS [1032]. See *Acer*.

Hymenochaete agglutinans: on 11a NS [1032]. A sterile state of *H. corrugata*. See *Alnus*.

H. corrugata: on 11a Ont [1341]. See *Abies*.

H. tabacina: on 11a Ont [1341]. See *Abies*.

Hypocrea citrina: on 13 PEI [1036].

Hyphoderma amoenum: on 4 BC [1012]. Lignicolous.

Hyphodontia arguta: on 13 Ont [1341]. See *Abies*.

H. crustosa: on 4 BC [1012]. See *Abies*.

Hypoxylon deustum: on 11a, 13 NS [1032].

H. mammatum: on 1, 11a Ont [1340].

H. mediterraneum (C:238): on 11a Ont [1340].

H. rubiginosum: on 13 Ont [1340].

Inonotus cuticularis (Polyporus c.) (C:238): on 1 Ont [1341]; on 4 BC [1012]. See *Acer*.

Irpex lacteus (Polyporus tulipiferae) (C:238): on 11a Ont [1341]. See *Acer*.

Kavinia himantia (Mycoacia h.) (C:238): on 4 BC [1012]. See *Acer*.

Laeticorticium roseocarneum (Dendrocorticium r.): on 13 NS [930]. Lignicolous.

L. roseum: on 11a Ont [1341]. See *Acer*.

Laetiporus sulphureus (Polyporus s.) (C:238): brown cubical rot, carie brune cubique: on 4 BC [1012]; on 11a Que [1377]; on 11a, 12, 13 Ont [1341]; on 11a, 13 NB, NS [1032]; on 13 Que [1385].

Lentaria micheneri: on dead trees of 13 Que [1385].

Lentinellus cochleatus: on 13 NS [1032]. See *Acer*.

Lenzites betulina (C:238): on 13 NS [1032]. See *Acer*.

Leptosphaeria sp.: on 11a Ont [1340].

Marasmius capillaris: on dead leaves and twigs of 13 Ont [1385].

Massariovalsa sudans (Melanconis s.): on 1 Ont [1340, F63].

Marssonina martini (Marssonia m.) (C:238): on 1 Ont [195], Que [1377]; on 5 Man [F65]; on 9 Ont [1340].

M. quercina: on 11a Ont [1340].

Menispora ciliata: on 13 Que [826].

M. tortuosa: on 13 Que [826].

Meruliopsis corium: on 4 BC [568]. See *Acer*.

Microsphaera penicillata (M. alni) (C:238): powdery mildew, blanc: on 4 BC [1816]; on 5 Sask, Man [F67], Man, Ont [1257]; on 10 BC [335], Ont [1257]; on 11 Ont, Que, NS [1257]; on 11a NB, NS [1032]; on 13 Ont, Que, PEI [1257], Que [1377], PEI [1032].

Mollisia cinerea: on 13 Ont [1340].

Mycena capillaris: on dead leaves of 13 Ont [1385].

M. stylobatus: on leaves (?fallen) of 13 Que [1385].

M. subcoerulea: on rotten wood and bark of 13 Ont [1385].

Mycosphaerella punctiformis: on 5 Ont [1340].

M. spleniata: on 11a Ont [1340].

Nectria sp.: on 3 BC [1012]; on 13 Que [1377].

N. episphaeria: on 13 Man [175].

Nodulisporium sp.: on 11 Ont [973].

Nummularia repanda: on 13 Man, Ont [862].

Odontia sp.: on 6 Ont [1341].

Oidium sp.: powdery mildew, blanc: on 10 BC [1816].

Omphalotus olearius: on stumps and buried roots of 13 Que [1385].

Panellus stipticus (Panus s.) (C:238): on 11a Ont [1341]. See *Alnus*.

Panus torulosus: on 4 BC [1012, F66]. Lignicolous.

Peniophora sp.: on 11a NS [1032].

P. cinerea (C:238): on 1 Ont [1341]; on 11 Ont [973]; on 11a NB [1032]. See *Abies*.

P. incarnata (C:238): on 4 BC [1012]. Lignicolous.

Pestalozzina unicolor (Pestalotia u.): on 5 Man [F65], Ont [1340].

Phaeobulgaria inquinans: on 11a Ont [1828].

Phellinus conchatus (Fomes c.): on 1, 11a, 13 Ont [1341]. See *Acer*.

P. everhartii (Fomes e.) (C:237): on 1 Ont [F63]; on 11 Ont [F65, F67]; on 11a, 13 Ont [1341]; on 13 Ont [F66]. See *Betula*.

P. ferreus (Poria f.) (C:238): on 4 BC [1012]; on 11a, 13 NS [1032]. See *Acer*.

P. ferruginosus (Poria f.): on 11a NS [1032]. See *Abies*.

P. igniarius (Fomes i.) (C:237): white trunk rot, carie blanche du tronc: on 1, 11a Ont [1341].

Phlebia martiana (P. atkinsoniana): on 11 Que [F65]. Lignicolous.

P. radiata (C:238): on 4 BC [1012]; on 13 Ont [568]. See *Abies*.

P. rufa: on 4 BC [1012]. See *Abies*.

Pholiota squarrosa (C:238): on 13 NS [1032]. See *Populus*.

Phomopsis sp.: on 11a NS [1032].

P. quercina (Myxosporium lanceola): on 10 Ont [336].

Phyllactinia guttata: powdery mildew, blanc: on 8 Ont [1257].

Phyllosticta livida: on 5 Man [F67].

P. phomiformis (C:238): on 5 Ont [1340].

Physalospora glandicola: on 11 Ont [F62].

Polyporus varius (P. elegans): on 11a Ont [1341]. See *Abies*.

Poria sp.: on 11a Ont [1341]; on 13 NS [1032].

P. compacta (Polyporus c.) (C:238): on 11 Que [F73]; on 13 Ont [1153] NS [1032].

P. medulla-panis: on 13 NS [1036]. Associated with a white rot.

P. subacida: on 13 NS [1032]. See *Abies*.

Propolis versicolor (P. faginea) (C:238): on 13 NS [1032].

Pseudospiropes simplex: on 13 Man [817].

Pseudotomentella griseopergamacea: on 13 Ont [1828].

Pseudovalsa longipes (anamorph *Coryneum umbonatum*) (C:238): on 1 Ont [F60]; on 1, 12, 13 Ont [1340]; on 11a NB, NS [1032]; on 13 Ont [79].

Pycnoporus cinnabarinus (Polyporus c.): on 11a Ont [1341]. See *Acer*.

Pyrenochaeta sp.: on 11 Ont [973].

Pythium vexans: from leaf of 10 BC [44].

Ramaricium flavomarginatum: on 4 BC [572]. Associated with a white rot.

Schizophyllum commune: on 1, 11a, 13 Ont [1341]. See *Abies*.

Schizopora paradoxa (Poria versipora) (C:238): on 4 BC [1012]. See *Abies*.

Scopuloides hydnoides (Peniophora h.) (C:238): on 4 BC [1012]. See *Fagus*.

Spadicoides grovei: on 13 Ont [793].

Spongipellis unicolor (Polyporus obtusus) (C:238): white spongy rot, carie blanche spongieuse: on 1, 11a, 13 Ont [1341]; on 5 Ont [F63]; on 13 Que [1377].

Sporidesmium foliculatum: on 13 Que [825].
S. hormiscioides: on 13 Que [823].
S. leptosporum: on 5 Man [1760].
Steccherinum fimbriatum (Odontia f.): on 13 Ont [1341]. See *Acer*.
S. ochraceum: on 4 BC [1012]. See *Acer*.
Stereum sp.: on 11a NS [1032].
S. hirsutum (C:238): on 4 BC [1012]; on 11a Ont [1341]; on 13 NS [1032]. See *Abies*.
S. ostrea: on 4 BC [1012]. See *Abies*.
Stromatocypha fimbriata (Porotheleum f.): on 1 Ont [1341]. See *Betula*.
Subulicystidium longisporum (Peniophora l.) (C:238): on 4 BC [1012]. See *Betula*.
Taeniolella alta: on 13 Que [814].
Taphrina sp.: on 11 NB, NS [F70]; on 13 NB [1032].
T. caerulescens (C:238): leaf blister, cloque des feuilles: on 1 Ont [F74]; on 4 BC [1012, 1816, F60]; on 5 NB [1032]; on 11 Alta [F60], Que [335, F62, F65, F71, F73, F76], Que, NB [F61], NB, NS [F65, F66]; on 11a Ont [1340, 1827, 1828], Que [339, 1377], NB, NS [1032]; on 13 NWT-Alta [1063], Que [333, 336], NB, NS, PEI [1032], NS [1925], PEI [334].
Tomentella botryoides: on 11a Ont [1341].
T. bryophila (Hypochnus subferrugineus, T. pallidofulva): on 11a Ont [924]; on 11a, 13 Ont [1341].
T. coerulea (T. papillata): on 13 Ont [929, 1341].
T. neobourdotii: on 13 Ont [927, 1341].
T. ramosissima (T. fuliginea): on 11a, 13 Ont [1341].
Trechispora vaga (Corticium sulphureum): on 13 NS [1032]. See *Abies*.
Tremella foliacea: on dead wood of 13 Que [1385].
Trichaptum biformis (Polyporus pargamenus) (C:238): on 11a Ont [1341]. See *Acer*.
Tricladium splendens: on 13 BC [43].
Tubakia dryina (Actinopelte d.) (C:237): leaf spot, tache des feuilles: on 11a NB [1032].
Tyromyces chioneus (Polyporus albellus): on 13 NS [1032]. See *Abies*.
T. spraguei (Polyporus s.) (C:238): on 11 Que [F71]; on 11a Que [373]. Associated with a brown rot.
Valsa sp.: on 11a Ont [1828].
Xeromphalina kauffmanii: on stumps of 13 Que [1385].
Xylobolus frustulatus (Stereum f.) (C:238): on 11a NS [1032]. Lignicolous.
X. subpileatus (Stereum s.): on 11a, 13 NS [1032]. Lignicolous.

RANUNCULUS L. RANUNCULACEAE

1. *R. abortivus* L., kidneyleaf buttercup, renoncule abortive; native, Yukon-Mack, BC-Nfld, Labr.
2. *R. acris* L., tall buttercup, bouton d'or; imported from Eurasia, natzd., Mack, BC-Nfld.
3. *R. cymbalaria* Pursh, seaside crowsfoot, renoncule cymbalaire; native, Yukon-Mack, BC-Nfld.
4. *R. glaberrimus* Hook., sagebrush buttercup; native, BC-Sask.
5. *R. hyperboreus* Rottb.; native, Yukon-Labr, BC-Alta, Man, Que, Nfld.
6. *R. nivalis* L.; native, Yukon-Labr, BC, Que.
7. *R. pedatifidus* Sm.; native, Yukon-Labr, BC-Sask, Ont-Que, Nfld. 7a. *R. p.* var. *leiocarpus* (Trautv.) Fern.; native, Yukon-Labr, BC.
8. *R. repens* L., creeping buttercup, bassin d'or; imported from Eurasia, natzd., BC-Alta, Ont-NS, Nfld, Labr.
9. *R. scleratus* L., cursed crowsfoot, herbe de feu; native, Yukon-Mack, BC-PEI.
10. *R. sulphureus* Soland.; native, Mack-Labr.
11. *R. uncinatus* D. Don; native, Mack, BC-Alta.

Cylindrosporium sp. (C:239): on 5 Frank [1586].
Entyloma ficariae (C:239): smut, charbon: on 11 BC [1816]; on *R.* sp. BC [1012].
E. microsporum (C:239): smut, charbon: on 8 BC [1816].
Erysiphe communis (E. polygoni) (C:239): powdery mildew, blanc: on 1, 2, 9 Ont [1257]; on 2 Que, NB, NS [1257].
Leptotrochila ranunculi (Fabraea r.): on 2 Nfld [1340].
Mycosphaerella ranunculi (C:239): leaf spot, tache foliaire: on 6, 10 Frank [1586].
M. tassiana var. *t.* (C:239): leaf spot, tache foliaire: on 2 Que [70].
Nodulosphaeria modesta: on 2 Que [70].
Peronospora ficariae (C:239): downy mildew, mildiou: on *R.* sp. BC [1816].
Pseudopeziza sp.: on *R.* sp. BC [1816]. Possibly *P. singularis* (see Fungi Canadenses No. 229).
Puccinia blyttiana (C:240): rust, rouille: III on 7a Keew [1236].
P. eatoniae var. *ranunculae* (C:240): rust, rouille: 0 I on 1 Ont [1236].
P. recondita s.l. (C:240): rust, rouille: 0 I on 2 Ont [1236]; on 3, 4 BC [1012, 1816].
Ramularia aequivoca (C:240): leaf spot, tache ramularienne: on 11 BC [1816].

RAPHANUS L. CRUCIFERAE

1. *R. sativus* L., radish, radis; a cultigen, a garden-escape, BC, Man, Ont-Nfld.

Alternaria brassicae (C:240): black spot, tache noire: on 1 Alta [1594].
A. brassicicola: on 1 Alta [1594].
A. raphani (C:240): leaf and pod spot, pourriture noire: on 1 BC [1816], Alta [1594], Sask [339, 1320].
Aphanomyces raphani (C:240): black root, racine noire: on 1 BC [334, 1816], NS [335].
Peronospora parasitica (P. brassicae) (C:240): downy mildew, mildiou: on 1

BC [1816], Ont [1452], Que [335, 337, 338, 339, 1641, 1647, 1652].

Plasmodiophora brassicae (C:240): club root, hernie: on 1 BC [1816].

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:240): damping-off or root rot, fonte des semis ou rhizoctone commun: on 1 BC [1816], NS [338].

Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:240): on seeds of 1 Ont [667].

Streptomyces scabies (C:240): scab, gale commune: on 1 Sask [334].

Ulocladium consortiale (Stemphylium c.): on seeds of 1 Ont [667].

RAPHIOLEPIS Lindl. ROSACEAE

1. *R. indica* (L.) Lindl., Indian hawthorn; evergreen shrub, imported from s. China.

Diplocarpon mespili (D. maculatum) (anamorph *Entomosporium mespili*): on 1 BC [1416].

RHAMNUS L. RHAMNACEAE

1. *R. alnifolia* L'Hér., alder-leaved buckthorn, nerprun à feuilles d'aulne; native, BC-Nfld.
2. *R. cathartica* L., common buckthorn, nerprun commun; imported from Eurasia, introduced, Sask-PEI.
3. *R. frangula* L., alder buckthorn, nerprun bourdaine; imported from Eurasia, introduced, Man-PEI.
4. *R. infectoria* L., Persian berry buckthorn, nerprun des teinturiers; imported from s. Europe and Asia Minor.
5. *R. japonica* Maxim., Japanese buckthorn, nerprun du Japon; imported from Japan.
6. *R. pallasii* Fisch. & C. A. Mey.; imported from w. Asia.
7. *R. purshiana* DC., cascara, cascara; native, BC.
8. *R. saxatilis* Jacq. (*R. willdenourana* Roem. & Schult.), rock buckthorn, nerprun des rochers; imported from Europe. 8a. *R. s.* ssp. *tinctoria* (Waldst. & Kit.) Nyman (*R. chlorophora* Decne.).
9. *R. spathulifolia* Fisch. & C.A. Mey.; imported from w. Asia.
10. *R. utilis* Decne., Chinese buckthorn, nerprun de Chine; imported from China.
11. Host species not named, i.e., reported as *Rhamnus* sp.

Melasmia sp.: on 11 NB [1032].

Phyllosticta rhamni (C:241): leaf spot, tache foliaire: on 7 BC [1816].

Puccinia coronata (C:241): crown rust, rouille des feuilles: on 1 Ont [1827], NS [F68], Nfld [1659, 1660, 1661]; on 1, 2 NB [333]; on 1, 2, 4, 5, 6, 8, 8a, 9, 10, 11 Ont [1236]; on 1, 2, 7 BC [1012]; on 1, 2, 11 Ont [1341]; on 1, 3 NB [1032]; on 1, 7 BC [1816]; on 2 Man [688], Ont [641], NB [335, 1196]; on 2, 11 NB, NS, PEI [1032]; on 3 Sask [F60], Ont [333, 335]; on 7, 11 BC, Alta, Sask, Man [2008]; on 11 Man [839], Ont [338, 339, 472, 1828, F73].

P. coronata var. *coronata (P. c.* f. sp. *agrostidis, P. c.* f. sp. *calamagrostidis)* (C:241): rust, rouille: on 1 NB [1195]; on 3 Ont [337], Ont, NB, NS [334].

P. coronata var. *avenae (P. c.* f. sp. *avenae)* (C:241): on 2 Man, Ont [473], Ont [475, 686, 689].

Schizophyllum commune (C:241): on 7 BC [1012].

Tubercularia vulgaris (holomorph *Nectria cinnabarina*): on 7 BC [1012].

RHEUM L. POLYGONACEAE

1. *R. rhaponticum* L., rhubarb, rhubarbe; imported from Asia, occasionally a garden-escape, BC, Sask-NS.

Ascochyta rhei (C:241): leaf spot, tache ascochytique: on 1 Alta, Ont [1594], Ont [337, 339], Ont, NS [338], NS [335, 336], PEI [333].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:241): gray mold, moisissure grise: on 1 Que [334, 337].

Colletotrichum dematium (C. erumpens) (C:241): anthracnose, anthracnose: on 1 BC [1816], Alta, Que [338].

Erysiphe communis (E. polygoni) (C:241): powdery mildew, blanc: on 1 BC, Sask [336].

Fusarium sp. (C:241): on 1 NB [1594].

Phytophthora sp.: on 1 Sask [1186].

Pythium sp.: on 1 Alta [339].

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:241): crown rot, rhizoctone: on 1 Man [333].

Sclerotinia sclerotiorum: on *R.* sp. Sask [892].

RHINANTHUS L. SCROPHULARIACEAE

1. *R. borealis* (Sterneck) Druce, northern rattle, rhinanthe boréal; native, Yukon-Keew, BC-Alta, Man-Que, NS, Nfld, Labr.
2. *R. crista-galli* L., common rattle, rhinanthe crête-de-coq; imported from Eurasia, introduced, Mack, BC-Nfld.

Cronartium sp.: rust, rouille: on 1 BC [1816].

C. coleosporioides (aecial state *Peridermium stalactiforme*) (C:242): rust, rouille: on 2 NWT-Alta [1063], BC, Que [735, 1760], Alta [735, F64], Que [1377].

C. coleosporioides f. *coleosporioides*: rust, rouille: on 2 BC [1012].

Peridermium harknessii: on 2 Que [F60]. This rust does not occur on *Rhinanthus*. The specimens were, no doubt, a *Cronartium* sp.

RHODODENDRON L. ERICACEAE

1. *R. albiflorum* Hook., white rhododendron, azalée blanche; native, BC-Alta.
2. *R. augustinii* Hemsl.; imported from China.
3. *R. calostrotum* Balf. f. & Farr. (*R. riparium* F.K. Ward); imported from Burma.
4. *R. campylogynum* Franch.; imported from China.
5. *R. canadense* (L.) Torr., rhodora, rhodora; native, Que-Nfld.
6. *R. catawbiense* Michx., catawba rhododendron; imported from s. USA.
7. *R. ciliatum* Hook. f., fringed rhododendron; imported from the Himalayas.
8. *R. dichroanthum* Diels. 8a. *R. d.* ssp. *scyphocalyx* (Balf. f. & Farr.) Cowan (*R. scyphocalyx* Balf. f. & Farr.); imported from China and Burma.
9. *R. fastigiatum* Franch.; imported from China.
10. *R. ferrugineum* L., rock rhododendron, rosage des Alpes; imported from Europe.
11. *R. hirsutum* L., garland rhododendron, rhododendron hirsute; imported from Europe.
12. *R. impeditum* Balf. f. & W.W. Sm.; imported from China.
13. *R. indicum* (L.) Sweet, Indian azalea, azalée de l'Inde; imported from Japan.
14. *R. japonicum* Suringar; imported from Japan.
15. *R. kiusianum* Mak. (*R. obtusum* f. *japonicum* (Maxim.) E.H. Wils.), Kyushu azalea; imported from Japan.
16. *R. lapponicum* (L.) Wahlenb., lapland rosebay, rhododendron de Laponie; native, Yukon-Labr, BC, Man-Que, Nfld.
17. *R. macrophyllum* D. Don, west coast rhododendron; native, BC.
18. *R. obtusum* (Lindl.) Planch., Hiryu azalea; imported from Japan. 18a. *R. o.* var. *hinodegiri*; ornamental species, grown in nurseries in BC.
19. *R. pemakoense* F.K. Ward; imported from Tibet.
20. *R. ponticum* L.; imported from the Mediterranean region.
21. *R. racemosum* Franch.; imported from China.
22. *R. radicans* Balf. f. & Farr.; imported from Tibet.
23. *R. smirnowii* Trautv., Smirnow rhododendron; imported from Eurasia.
24. *Rhododendron* hybrids.
25. Host species not named, i.e., reported as *Rhododendron* sp.

Botryosphaeria rhodorae: on 6 Ont [1349]; on 25 NS [1349].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:242): gray mold, moisissure grise: on 25 NS [337, 338].

Cercospora handelii: on 6 Ont [1350]; on 13 NS [337].

Chrysomyxa ledi (C:242): rust, rouille: on 25 NB, NS [1032].

C. ledi var. *rhododendri* (C:242): rust, rouille: on 3, 4, 8a, 10, 11, 16, 17, 19, 22, 24 BC [1012]; on 16 Frank [1244], BC [F62]; on 24 BC [1816]; on 25 NWT, BC, Man [2008].

C. piperiana (C:242): rust, rouille: on 17 BC [1012, 1816, 2008]; on 24 BC [1012, 2008].

Colletotrichum gloeosporioides (*Gloeosporium rhododendri*) (holomorph *Glomerella cingulata*) (C:242): leaf spot or blight, anthracnose: on 14, 24 BC [1816]; on 25 BC [335].

Diplodina eurhododendri (C:242): leaf spot, tache diplodinéenne: on 23 NS [337]; on 24 BC [1816]; on 25 NS [338].

Exobasidium sp.: on 15 BC [1012].

E. burtii (C:242): on 1 BC [1012, 1816], Alta [952, F66].

E. canadense (C:242): on 5 Que [1385], Nfld [1341].

E. vaccinii (C:242): red leaf, feuille rouge: on 5 NS [1032]; on 5, 25 NB [1032]; on 13, 14, 17, 18, 24 BC [1816]; on 17 BC [1012]; on 25 BC [333, 335, 336, 337], BC, Ont [334].

Godronia cassandrae f. *cassandrae*: on 5 Que [1684] by inoculation.

Microsphaera penicillata: powdery mildew, blanc: on 25 Ont, NS [1257].

Mycosphaerella rhododendri: leaf spot, tache foliaire: on 25 BC [1594].

Pestalotiopsis sydowiana (*Pestalotia rhododendri*) (C:242): leaf spot, tache pestalotienna: on 24 BC [1816]; on 25 BC [1012].

Phyllosticta sp.: on 24 BC [1816].

Phytophthora sp.: on 18a, 20 BC [23] by inoculation.

P. cinnamomi (C:242): on 20 BC [25, 23]; on 25 BC [1012].

Protoventuria rhododendri (*Antennularia r.*): on 25 BC, Que [73].

Pucciniastrum vaccinii (*P. myrtilli*) (C:242): rust, rouille: on 24 NS [334].

Seimatosporium arbuti: on 25 BC [1359].

S. rhododendri (*Coryneum r.*) (C:242): leaf spot, tache foliaire: on 24 BC [1816].

Septoria azaleae (C:242): angular leaf spot, tache angulaire: on 25 BC [1595].

RHUS L. ANACARDIACEAE

1. *R. aromatica* Ait., fragrant sumac, sumac aromatique; native, Alta-Sask, Ont-Que.
2. *R. glabra* L., smooth sumac, vinaigrier glabre; native, BC, Sask-Que.
3. *R. radicans* L., poison ivy, herbe à la puce; native, BC-PEI.
4. *R. toxicodendron* L., poison oak; native, e. USA. Not native to Canada, records probably refer to *R. radicans*.
5. *R. typhina* L., staghorn sumac, vinaigrier; native, Ont-PEI.
6. Host species not named, i.e., reported as *Rhus* sp.

Amphiporthe aculeans (Cryptodiaporthe a., Diaporthe spiculosa) (C:242): on 5 Que [F76]; on 5, 6 Ont [1340]; on 6 Ont [F60].

Aplosporella sumachi (Aplosporella s.): on 5 Ont [1340].

Botryodiplodia sp.: on 5 Ont [1828].

Ciliciopodium sp.: on 5 Ont [1828].

Cladosporium aromaticum: on 5 Que [339].

Coryneum sp.: on 2 BC [1012, 1816].

Godronia rhois: on 5 Ont, Que [656], Que [F68].

Hypocreopsis lichenoides (anamorph *Stromatocrea cerebriforme*): on 5 Ont [230].

Irpex lacteus (Polyporus tulipiferae): on 6 Ont [1341].

Phaeocalicium curtisii: on 5 Ont [1812].

Phloeospora irregularis (Cylindrosporium i.) (C:242): on 3 Ont [1340, F62]; on 4 Ont [195].

Pileolaria brevipes (C:243): rust, rouille: II III on 1, 3 Ont [1236]; on 3 BC, Man, Ont, Que, NS [1284].

Schizophyllum commune: on 5 Ont [1341].

Sphaerotheca macularis (C:243): powdery mildew, blanc: on 5 Ont [1254], Ont, Que [1257].

Steccherinum fimbriatum (Odontia f.): on 5, 6 NB [1032]. See *Acer*.

Stigmina negundinis: on 2 Man [1066].

S. pallida (Sciniatosporium p., Coryneum rhoinum) (C:242): on 2 BC [1127], Man [1066], Ont [F67]; on 2, 6 Ont [1340]; on 5 Ont [F62]; on 6 BC [1762].

Tubercularia vulgaris (holomorph *Nectria cinnabarina*) (C:243): dieback, dépérissement: on 6 Que [334].

Valsa ceratosperma (V. ceratophora) (C:243): on 5 Ont [F62].

Verticillium sp.: on 5 Ont [96].

V. albo-atrum: on 5 PEI [335].

RHYNCHOSPORA Vahl CYPERACEAE

1. *R. alba* (L.) Vahl, beaked rush, rhynchospore blanc; native, BC, Sask, Ont-Nfld.

Uromyces rhyncosporae (C:243): rust, rouille: II III on 1 Ont [1236].

RIBES L. SAXIFRAGACEAE

1. *R. alpinum* L., alpine currant, grosellier des Alpes; imported from Europe.
2. *R. americanum* P. Mill., American black currant, gadellier américain; native, Alta-NS.
3. *R. aureum* Pursh, golden currant, gadellier doré; native, BC-Sask.
4. *R. bracteosum* Dougl., stink currant; native, BC.
5. *R. cereum* Dougl., squaw currant; native, BC-Alta.
6. *R. cynosbati* L., dogberry, grosellier des chiens; native, Ont-Que.
7. *R. diacanthum* Pallas, Siberian currant; imported from n. Asia.
8. *R. divaricatum* Dougl., straggly gooseberry; native, BC-Alta. 8a. *R. d.* var. *inerine* (Rydb.) McMim.; native, BC.
9. *R. glandulosum* Grauer, skunk currant, gadellier glanduleux; native, Yukon-Mack, BC-Nfld.
10. *R. grossularia* L., European gooseberry, grosellier cultivé; imported from Europe.
11. *R. howellii* Greene; native, BC.
12. *R. hudsonianum* Richards. (*R. petiolare* Dougl.), wild black currant, gadellier de l'Hudson; native, Yukon-Mack, BC-Que.
13. *R. irriguum* Dougl., Idaho gooseberry; native, BC.
14. *R. lacustre* (Pers.) Poir, bristly black currant, gadellier lacustre; native, Yukon-Mack, BC-Nfld, Labr.
15. *R. laxiflorum* Pursh, trailing black currant; native, Yukon, BC-Alta.
16. *R. lobbii* Gray, gummy gooseberry; native, BC.
17. *R. missouriense* Nutt., Missouri gooseberry; native in c. USA.
18. *R. nevadense* Kellogg, Sierra currant; native in sw. USA.
19. *R. nigrum* L., black currant, gadellier noir; imported from Eurasia.
20. *R. niveum* Lindl.; introduced.
21. *R. odoratum* H. Wendl., buffalo currant, gadelier odorant; imported from USA, natzd., e. and s. Ont, and s. BC.
22. *R. orientale* Desf., oriental currant, groseillier d'Orient; imported from Eurasia.
23. *R. oxyacanthoides* L., northern gooseberry, groseillier sauvage; native, Yukon-Mack, BC-Nfld. 23a. *R. o.* var. *calcicola* Fern. (*R. hirtellum* var. *calcicola* Fern.); Ont-Nfld. 23b. *R. o.* var. *hirtellum* (Michx.) Scoggan (*R. hirtellum* Michx.); native, Sask-Nfld. 23c. *R. o.* var. *saxosum* (Hook.) Cov. (*R. hirtellum* var. *saxosum* (Hook.) Fern.); native, Alta-Man, Que-Nfld.
24. *R. rubrum* L., red currant, gadellier rouge; imported from Eurasia, cultivated in Europe but rarely in North America.
25. *R. sanguineum* Pursh, Winter currant, gadellier sanguin; native, BC.
26. *R. sativum* (Reichenb.) Syme (*R. vulgare* Lam.), red garden currant, gadellier cultivé; imported from Europe.
27. *R. setosum* Lindl., Missouri gooseberry; native, Alta-Que.
28. *R. triste* Pallas, swamp red currant, gadellier rouge sauvage; native, Yukon-Mack, BC-Nfld. 28a. *R. t.* var. *albinervum* (Michx.) Fern.
29. *R. viscossissimum* Pursh, sticky currant; native, BC-Alta.
30. *R. watsonianum* Koehne; native, BC.
31. Host species not named, i.e., reported as *Ribes* sp.

Apiognomonia alniella var. *ribis*: on 23c Que [79].

Armillaria sp.: on 1 Que [F61]. Probably *A. mellea*.

A. mellea: on 1 NB, NS [F75]. See *Abies*.

Botryosphaeria obtusa (C:243): on 19 Ont [1614].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:244): gray mold, moisissure grise: on 10, 26 BC [1816].

Cronartium ribicola (C:244): white pine blister rust, rouille vésiculeuse du pin blanc: II III on 1 Que [735]; on 2, 6, 9 Ont, Que [735, 1236, 1377]; on 3, 10, 26 BC, Ont, Que [735]; on 3, 10, 28b Que [1377]; on 4, 8, 14, 15, 16, 19, 23, 25, 26, 29 BC [1012, 1816]; on 5, 8, 11, 13, 15, 16, 18, 20, 25, 27, 29, 30 BC [735]; on 6, 7, 21 Man [735]; on 8a, 12 BC [735, 1012]; on 9 Que [337], Nfld [F76]; on 9, 19, 23 Man, NB, NS, PEI [735]; on 9, 19, 31 Ont [1341]; on 9, 23b Nfld [1659, 1660, 1661]; on 10 BC [1816]; on 10, 12, 19 Nfld [735]; on 10, 23b NB, NS [735]; on 14 Alta [F72], Nfld [F73, F74]; on 14, 19, 23, 28 BC, Alta, Ont, Que [735]; on 14, 19, 23b, 26, 28 Ont, Que [1236, 1377]; on 17, 20, 21 Ont [735, 1236]; on 19 Alta [F69], Sask [336], Nfld [337, 338, 1660]; on 19, 24 Que [338, 339]; on 19, 24, 26 BC [1341]; on 21 Ont, Que, NS [735]; on 21, 31 Man [F62]; on 23, 31 NWT-Alta [1063], Ont [1236], Que [282 host given as "*R. ?palustris*"]; on 23b, 29 Alta [735]; on 24 NB [333]; NS [335]; on 26 NS, PEI [735]; on 31 BC [953, 954, F70], BC, Alta, Man [2008], Alta [951, F75], Alta, NB, NS, PEI [F66], Sask, Man [F63], Que [335], NB [334, 336, 338, 1594], NB, NS [1032, F67], NS [333], Nfld [1661].

Cylindrosporium ribis: on 31 NWT-Alta [1063].

Discostroma massarina (Clathridium m.) (anamorph *Seimatosporium ribis-alpini*) (C:244): on 19 Man [1629]; on 31 Ont [1629].

Dothidea ribesia (C:244): on 9 Que [1685]; on 19 Ont [1340].

Drepanopeziza ribis (Pseudopeziza r.) (anamorph *Gloeosporidiella r.*) (C:244): anthracnose, anthracnose: on 10, 26 BC [1816]; on 10, 31 Que [339]; on 31 Que, Nfld [333].

D. variabilis (anamorph *Gloeosporidiella v.*) (C:244): anthracnose, anthracnose: on 1 Ont [334, 336], Ont, Que [338]; on 31 Ont, Que, NS [337], Que [336, 339].

Ganoderma applanatum: on 25 BC [1012].

Gloeosporidiella bartholomaei: on 29 BC [1012, 1816].

G. ribis (Gloeosporium r.) (holomorph *Drepanopeziza r.*): causing leaf lesions on 31 Sask, Ont, Que [1763], Que [F66, F69], NB, NS [1032].

G. variabilis (holomorph *Drepanopeziza v.*): on 1 Ont [335], Ont, Que, NS [333]; on 31 Que [335].

Gnomonia ribicola: on 31 BC, Que [79].

Godronia cassandrae f. *ribicola* (C:244): on 9, 31 Ont [656].

G. davidsonii (C:244): on 9 Que [1525]; on 31 Nfld [656].

G. ribis (C:244): on 31 Ont [1340].

G. uberiformis (anamorph *Topospora u.*) (C:244): on 31 Alta [644], Ont [656].

Melampsora ribesii-purpureae (M. epitea race *r.)* (C:244): rust, rouille: 0 I on 8, 14 BC [1012]; on 31 Yukon, BC, Alta [2008], Alta [F63], Ont [1236].

Mycosphaerella ribis (C:244): leaf spot, tache septorienne: on 10 Nfld [337]; on 31 NWT-Alta [1063], NS [333].

Nectria cinnabarina (anamorph *Tubercularia vulgaris*) (C:244): dieback, dépérissement nectrien: on 1 NB [1032]; on 19 Ont [1340]; on 31 Sask [F69].

Otthia spiraeae: on 31 Alta [644].

Phyllosticta grossulariae (C:244): leaf spot, tache foliaire: on 26 BC [1816]. Host given as "var. *albescens*".

Plasmopara ribicola (C:244): downy mildew, mildiou: on 31 Ont [333].

Protoventuria grossulariae (Antennularia g., Venturia g.) (C:245): on 31 Que [70, 73 on overwintered leaves].

Puccinia sp.: rust, rouille: on 14 Que [282]; on 31 NWT-Alta [1063].

P. caricina (P. caricis, P. caricis var. *grossulariata)* (C:245): rust, rouille: 0 I on 2, 6, 9, 12, 14, 19, 23, 23a 31 Ont [1236]; on 4, 8, 14, 28 BC [1012, 1816]; on 6, 31 Ont [1341]; on 9 BC [1012]; on 9, 31 Ont [1828]; on 10 BC [1816], Que [335, 339]; on 19 Que [338]; on 31 NWT-Alta [1063], Alta [53, 339, 952], Ont [F60], Que, NB, NS, Nfld [333].

P. parkerae (C:245): rust, rouille: III on 8, 14 BC [1012, 1816]; on 14 Alta [644]; on 31 NWT-Alta [1063], BC [953, 954].

P. ribis (C:245): rust, rouille: III on 28 BC [1012, 1816], Ont [1236], Que [282].

Ramularia coalescens: on 4 BC [1351].

Septoria ribis: on 1 Que [333]; on 10, 26 BC [1816]; on 31 Ont [1340].

S. sanguinea (C:245): leaf spot, tache septorienne: on 25 BC [1816].

Sphaerotheca mors-uvae (C:245): powdery mildew, blanc: on 1 Ont [336]; on 1, 2, 10, 19, 31 Ont [1257]; on 1, 31 Alta [334]; on 9, 13 Mack [1257]; on 10 BC, Ont, Que, Nfld [334, 335], Alta, Que [339], Que, Nfld [337]; on 10, 19, 26 BC [1816]; on 10, 31 Que [336, 1257]; on 14 BC [1257]; on 19 BC [338], BC, Alta, Nfld [339]; on 31 Alta [337, 338, 1594], Sask, Que [333], Ont [334].

Stictis pustulata: on 31 Ont [1608].

Thyronectria berolinensis (C:245): dieback, dépérissement: on 23 Ont [1340]; on 31 Man, Ont [175].

Topospora uberiformis (holomorph *Godronia u.*) (C:245): on 31 Alta [644], Ont [1763] on twigs.

RICINUS L. EUPHORBIACEAE

1. *R. communis* L., castor bean, ricin commun; imported from the tropics.

Verticillium dahliae: on 1 BC [1978].

ROBINIA L. LEGUMINOSAE

1. *R. pseudo-acacia* L., black locust, robinier: imported from e. USA, occasionally a garden escape, Ont-PEI.
2. Host species not named, i.e., reported as *Robinia* sp.

Aglaospora profusa (A. anomia): on 1 Ont [80, 1624], NB [1036].
Alternaria tenuissima: on 1 NB [1036].
Arthrobotrys oligospora: on 1 NB [1036].
Camarosporium robiniae (C:245): on 1 BC [1012], Ont [1828, F63]; on 2 Ont [1340].
Cucurbitaria elongata: on 1 Ont [1340], NB, NS [1036].
Cucurbidothis pithyophila (Cucurbitaria p.): on 1 NB [1036].
Diaporthe oncostoma: on 1 NB [1036].
Fusarium sp.: on 1 NB [1036].
Irpex lacteus (Polyporus tulipiferae): on 1 NB [1036]. See *Acer*.
Lopharia cinerascens: on 1 NB [1036].
Massaria sp.: on 2 Ont [1340]. Probably *Aglaospora profusa* which is very common on *Robinia*.
Myxosporium sp.: on 1 Ont [1828].
Nectria cinnabarina (anamorph *Tubercularia vulgaris*): on 1 NB [1036, 1860, F73, F74].
Phomopsis sp.: on 2 Ont [1340].
Stigmina trimera (Coryneum t.): on 1 NB [1032].

ROMNEYA Harv. PAPAVERACEAE

1. *R. coulteri* Harvey, California tree poppy; imported from California.

Sclerotinia sclerotiorum (C:245): wilt, fletrissure sclerotique: on 1 BC [1816].

RORIPPA Scop. CRUCIFERAE

1. *R. islandica* (Oeder) Borbas, watercress, cresson des marais; native, Yukon-Mack, BC-Nfld, Labr.

Albugo candida (A. cruciferarum) (C:245): on *R.* sp. Sask [1319].
Myrothecium roridum: on seeds of 1 Alta [1797].

ROSA L. ROSACEAE

1. *R. acicularis* Lindl., prickly rose, églantier; native, Yukon-Mack, Alta-NB. 1a. *R. a.* ssp. *sayi* (Schwein.) W.H. Lewis (*R. a.* var. *bourgeauiana* Crép.).
2. *R. arkansana* Porter; native, BC-Man. 2a. *R. a.* var. *suffulta* (Greene) Cockerell; native, Alta-Man.
3. *R. blanda* Ait., meadow rose, rosier sauvage; native, Mack, Sask-NS.
4. *R.* x *borboniana* Desp. (*R. chinensis* x *R. damascena*), borbon rose or hybrid perpetual rose.
5. *R. carolina* L., pasture rose; native, Ont-PEI.
6. *R. centifolia* L., cabbage rose, rose à cent feuilles; imported from Eurasia. 6a. *R. c.* var. *muscosa* (Ait.) Ser., moss cabbage rose, rosier mousseux.
7. *R. chiensis* Jacq., China rose, rosier de l'Inde; imported from China.
8. *R. damascens* Mill., Damask rose, rosier de Belgique; imported from Asia Minor.
9. *R.* x *dilecta* Rehder (*R. odorata* x *R. borboniana*), hybrid tea roses; a large group which forms many of the roses in florists' shops and gardens.
10. *R. gallica* L., French rose, rosier de Provins; imported from Eurasia.
11. *R. gymnocarpa* Nutt., dwarf rose, rosier nain; native, BC.
12. *R. helenae* Rehd. & E.H. Wils.; imported from China.
13. *R. moschata* J. Herrm., musk rose, rosier musqué; imported from the Mediterranean region.
14. *R. multiflora* Thunb., Japanese rose, rosier multiflore; imported from Japan and Korea.
15. *R. nutkana* Presl, Nootka rose, rosier de Nutka; native, BC. 15a. *R. n.* var. *hispida* Fern. (*R. spaldingii* Crépin); native, BC. 15b. *R. n.* var. *nutkana*; native, BC.
16. *R. palustris* Marsh., swamp rose, rosier palustre; native, Ont-NS.
17. *R. pisocarpa* Gray, cluster rose; native, BC.
18. *R. richardii* Rehd.; imported from Ethiopia.
19. *R. rubrifolia* Jill., red-leaf rose, rosier à feuilles rouges; imported from Europe.
20. *R. rugosa* Thunb., rough rose, rosier rugueux; imported from China and Japan.
21. *R. setigera* Michx., prairie rose; native, Ont-Que. 21a. *R. s.* var. *tomentosa* Torr. & Gray; native, Ont.
22. *R. wichuraiana* Crép., memorial rose, rosier de Wichura; imported from Asia.
23. *R. woodsii* Lindl.; native, Yukon-Mack, BC-Que. 23a. *R. w.* var. *ultramontanum* (S. Wats.) Jepson. 23b. *R. w.* var. *woodsii*; native, BC-Man.
24. *Rosa* hybrids.
25. Host species not named, i.e., reported as *Rosa* sp.

Botryosphaeria stevensii (anamorph *Diplodia mutila*): on 25 Ont [675].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:246): gray mold, moisissure grise: on 24 BC [1816]; on 25 BC [1012], Que [335, 337], NS [333].
Cercospora rosicola: leaf spot, tache foliaire: on 6a BC [1816]; on 25 NB [1194].

Cladosporium macrocarpum: on 25 Man [1760].

Coleosporium miniatum: on 3 Ont [437]. The specimen is either *Phragmidium rosae-pimpinellifoliae* or *P. mucronatum*.

Coniothyrium fuckelii (holomorph *Leptosphaeria coniothyrium*): on 14 Ont [338]; on 24 BC [1816].

Conoplea fusca: 25 Sask [1760].

Cryptosporium minimum (C:246): brown canker, chancre brun: on 24 BC [1816].

Cytospora sp.: on 15 BC [1012].

C. ambiens (holomorph *Valsa a.*) (C:246): dieback, dépérissement: on 25 Que [338].

Cytosporella sp.: on 15 BC [1012].

Diplocarpon rosae (C:246): black spot, tache noire: on 20 Ont [171, 1778]; on 24 BC [1816]; on 25 BC, Ont, PEI [337], Sask, Que [333, 337, 339], Sask, NB [1594], Man, NB [335], Ont, NB, Nfld [334], Ont, NS [336], NB [339, 1194], NB, NS, PEI [333, 338].

Discostroma corticola (Clathridium c.) (anamorph *Seimatosporium lichenicola*)(C:246): on 25 Man [1629].

Dothiorella sp.: on 25 Ont [675].

Leptosphaeria coniothyrium (C:246): stem canker, chancre: on 25 NS [335, 336].

Mucilago crustacea (M. spongiosa var. *solida)*: on 25 Ont [337]. Listed as "affin. var. *solida*".

Mycosphaerella rosicola (C:246): leaf spot, tache foliaire: on 25 NB [333].

Nectria cinnabarina (anamorph *Tubercularia vulgaris*) (C:246): on 25 Ont [335].

Ophiobolus rubellus: on 16 Ont [1620].

Peronospora sparsa (C:246): downy mildew, mildiou: on 24 BC [1816].

Phoma sp.: on 25 Alta [336].

Phragmidium sp. (C:246): rust, rouille: on 1, 19, 25 NWT-Alta [1063]; on 25 Mack [53], Alta [338], Man [334], Man, Ont, NS, PEI [333], Ont [337, 1341], NB, NS, PEI [1032].

P. americanum (C:246): rust, rouille: 0 I II III on 1, 3, 5, 21a, 25 Ont [1236]; on 1, 25 Ont [1341, 1828]; on 25 Alta [644], Que [335], NB, NS [1032].

P. fusiforme (C:246): rust, rouille: 0 I II III on 1 Mack [53]; on 1, 25 NWT-Alta [1063]; on 1a, 2a, 25 Ont [1236]; on 15, 15a BC [1012, 1816]; on 25 Yukon [460].

P. fusiforme var. *novi-boreale*: rust, rouille: on 1a Yukon, Mack, Sask, Man, Ont [1569]; on 1a, 23b Alta [1569]; on 11, 15a, 15b, 17, 23a BC [1569].

P. montivagum (C:246): rust, rouille: on 17 BC [1012, 1816].

P. mucronatum (C:246): rust, rouille: 0 I II III on 3, 25 Ont [1236]; on 25 BC [644], Alta, Nfld [1594].

P. rosae-arkansanae (C:247): rust, rouille: on 17 BC [1012, 1816]; on 25 Yukon [460].

P. rosae-californicea (C:247): rust, rouille: on 1 BC [644]; on 11, 15 BC [1012, 1816]; on 15 BC [1341].

P. rosae-pimpinellifoliae (P. subcorticinum) (C:247): rust, rouille: 0 I II III on 3, 25 Ont [1236]; on 24 BC [1816]; on 25 Que [335].

P. speciosum (C:247): rust, rouille: 0 I III on 1, 25 Ont [1236]; on 23 Man [1838]; on 25 Ont [1341], NB, NS [1032].

P. tuberculatum (C:247): rust, rouille: on 4, 6, 9, 12, 13, 18, 20, 24 BC [1012].

Pilobolus crystallinus (C:247): on 24 BC [1816].

Pseudomassaria sepincolaeformis: on 16, 25 Ont [1616].

Seimatosporium caudatum (C:247): canker, chancre: on 25 BC [1621].

S. discosioides (C:247): leaf spot, tache des feuilles: on 3 Ont [1613]; on 25 Ont, Que [1613].

S. lichenicola (Coryneum microsticta, Coryneopsis m.) (holomorph *Discostroma corticola*): on 15 BC [1012]; on 15, 24 BC [1816].

S. rosae (C:247): on 25 Ont [1613].

Sphaceloma rosarum (C:247): anthracnose, anthracnose: on 24 BC [1816].

Sphaerotheca macularis (C:247): powdery mildew, blanc: on 24 BC [1816].

S. pannosa (C:247): powdery mildew, blanc: on 5, 14 Ont [1257]; on 20, 25 Ont, Que [1257]; on 22 Nfld [335]; on 25 BC [338, 339], BC, Alta, NS [336], BC, Sask, NB [1594], Alta, Que, NS [335], Ont [469], Ont, Que, NB, NS, PEI [334], Ont, NB, NS [333], Que [337], NB [1194].

Stereum sp.: on 25 BC [1012].

Verticillium sp. (C:247): wilt, flétrissure verticillienne: on 25 Ont [97, 96].

V. albo-atrum (C:247): wilt, flétrissure verticillienne: on 25 Ont [38].

RUBUS L. ROSACEAE

1. *R. acaulis* Michx., dewberry, ronce acaule; native, Yukon-Mack, BC-Que, Labr.
2. *R. allegheniensis* Porter (*R. glandicaulis* Blanch.), high blackberry, ronce alléghanienne; native, Ont-PEI.
3. *R. arcticus* L., arctic bramble, mûres rouges; native, Yukon, BC-Alta.
4. *R. canadensis* L., Canada blackberry, ronce du Canada; native, Ont-Nfld.
5. *R. chamaemorus* L., bake-apple, mûres blanchee; native, Yukon-Labr, BC-Nfld.
6. *R. flagellaris* Willd., flagellate dewberry, ronce à flagelles; native, Ont-NB.
7. *R. idaeus* L. (*R. i.* ssp. *sacchalinensis* Lévl.), red raspberry, framboisier; native, Yukon-Keew, BC-Nfld, Labr. 7a. *R. i.* var. *aculeatissimus* Regel & Tiling (*R. melanolasius* Dick); native, Yukon-Mack, BC, Sask. 7b. *R. i.* var. *peramoenus* (Greene) Fern.; native, Yukon, BC. 7c. *R. i.* var. *strigosus* (Michx.) Maxim. (*R. strigosus* Michx.); native, transcontinental.
8. *R. laciniatus* Willd., evergreen blackberry; imported from Europe, a garden escape, BC.

9. *R.* x *neglectus (R. idaeus* x *R. occidentalis)*, purple raspberry.
10. *R. occidentalis* L., black raspberry, mûrier; native, BC, Ont-NB, PEI-Nfld. 10a. *R. o.* var. *leucodermis* (Dougl.) Focke (*R. leucodermis* Dougl.); native, BC.
11. *R. odoratus* L., purple-flowering raspberry, calottes; native, Ont-NS.
12. *R. parviflorus* Nutt., thimbleberry, ronce parviflore; native, BC-Alta, Ont.
13. *R. pedatus* Sm., trailing raspberry, framboisier rampant; native, Yukon, BC-Alta.
14. *R. pensylvanicus* Poir. (*R. frondosus* Bigel.); native, Ont-NS, Nfld.
15. *R. procerus* P.J. Muell., Himalayan blackberry; imported from Eurasia, a garden escape, BC.
16. *R. pubescens* Raf. *(R. triflorus* Richards.*)*, dwarf raspberry, catharinettes; native, BC-Nfld.
17. *R. spectabilis* Pursh, salmonberry, ronce remarquable; native, BC.
18. *R. ursinus* Cham. & Schlecht. (*R. macropetalus* Dougl.), pacific dewberry; native, BC. 18a. *R. u.* var. *loganobaccus* (Bailey) Bailey (*R. loganobaccus* Bailey), loganberry, ronce framboise.
19. *R. vitifolius* Cham. & Schlecht.; imported from California.
20. Host species not named, i.e., reported as *Rubus* sp.

Alternaria sp.: on 7 BC [372].

Armillaria mellea (C:248): root rot, pourridié-agaric: on 12, 20 BC [1816]; on 15 BC [1012].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:248): gray mold, moisissure grise: on 7 BC [366, 370, 372, 487, 488, 1595, 1817, 1818], BC, Que, NS [335], Alta, Que [338, 339], Que, NB [337], Que, NS [334], NB, NS, PEI [1594], NS [333, 986]; on 20 BC [1816].

Chalara sp.: on 20 Man [1760].

Chlamydozyma zygota (holomorph *Metschnikowia reukaufii*): on 7c Que [1968].

Cladosporium sp.: on 7 BC [372].

C. herbarum: on fruit of 7 in storage NS [986].

Clypeosphaeria hendersoniae: on 7a Ont [1340].

Coleroa chaetomium (C:248): on 12, 13 BC [288]; on 13 BC [1012], Alta [288]; on living leaves 20 BC [73].

C. rubicola (Stigmatea r.) (C:250): on 7 Ont [1340]; on 7a Sask, Ont [294]; on 7c Man, Ont, NS [294]; on 20 BC [294], Man, Ont [73].

Coniothyrium fuckelii (holomorph *Leptosphaeria coniothyrium*) (C:248): on 7 Ont [1827]; on 20 BC [1816].

Crucibulum laeve: bird's nest fungus: on 20 NB [1036]. See *Pseudotsuga*.

Cryptodiaporthe vepris (Apioporthe v.) *(C:248): on 7 NS [599].*

Cylindrocladium scoparium (C:248): on 20 BC [1816].

Dasyscyphus bicolor (Lachnella b.): on 12 BC [1012, 1816]; on 20 Ont [1340], Que [282].

D. bicolor var. *rubi*: on 20 Ont [1340].

D. sulphureus: on 12 BC [1012].

D. virgineus (Lachnella v.): on 7a Ont [1340].

Didymella applanata (anamorph *Phoma* sp.) (C:248): spur blight, brûlure des dards: on 7 BC [291], BC, Alta, Sask, NB, NS [339], BC, Sask, Ont [291], Alta, Sask, Que, NS [337], Alta, Ont, NS [334], Alta, NB [338], Sask, Ont, NS [333], Que, NB, NS [336], Que, NS [335]; on 7, 18a BC [1594]; on 20 BC [1816], Ont, Que [168].

Discostroma corticola (anamorph *Seimatosporium lichenicola*) (C:248): on 20 Man [1629].

Elsinoe veneta (C:248): anthracnose, anthracnose: on 7 BC, Ont [333], Ont [334], Que [335, 336], Que, NB [334, 338], NB, NS [333, 335, 336, 337, 339, 1594], NS [710]; on 20 BC [1816].

Fabraea cincta (C:248): on 13 BC [1357].

Fusarium sp. (C:248): on 2 Nfld [1594].

F. avenaceum (C:248): on 20 BC [1816].

Gnomonia comari (anamorph *Zythia fragariae*): on 5 Que [79].

G. rubi: on 20 Ont, NS [79].

Gymnoconia peckiana (C:249): orange rust, rouille orangée: 0 I III on 1, 2, 7a, 7c, 10, 14, 16, 20 Ont [1236]; on 4, 20 Nfld [1659, 1660, 1661]; on 7 Que [339]; on 7, 20 Ont [1341]; on 16 BC [7]; on 20 NWT-Alta [1063], Alta [53], NB, NS, PEI [1032].

Hapalosphaeria deformans (C:249): dry berry, anther and stigma blight, brûlure des drupéoles: on 18a, 20 BC [1816].

Helminthosporium velutinum: on 20 Ont [810].

Hymenochaete tabacina: on 20 NS [1032].

Hymenoscyphus separabilis (Helotium s.): on 20 Que [1340].

Hyphoderma pallidum: on 17 BC [1012].

Hypholoma fasciculare (Naematoloma f.) (C:249): on 20 BC [1816].

Karstenia rubicola (Coccomyces r.): on 7c Ont [440, 1609].

Kuehneola uredinis (C:249): rust, rouille: 0 I II III on 6, 20 Ont [1236]; on 8 BC [335, 338, 1012, 1816].

Kunkelia nitens (Caeoma luminatum): on 16 Ont [437].

Leptosphaeria coniothyrium (anamorph *Coniothyrium fuckelii*) (C:249): cane blight, brûlure de la tige: on 7 Alta, NS [339], Que [334], NS [333].

Lophodermium rubiicola: on 15 BC [1012].

Monilia sp.: on 2 Ont [1827].

Mycosphaerella rubi (C:249): on 7 NS [337, 339]; on 12, 17, 18 BC [1012]; on 18a BC [337]. There is some question whether *Septoria rubi* is the anamorph or not, see Conners (p. 250).

Nectria cinnabarina (anamorph *Tubercularia vulgaris*) (C:249):

dieback or coral spot, dépérissement nectrien: on 20 NWT-Alta [1063].

Nidula candida (C:249): bird's nest fungus: on 17 BC [1012].

Oidium sp.: powdery mildew, blanc: on 12 BC [1816].

Omphalina ericetorum: on 17 BC [1012]. A lichenized Basidiomycete, coincidentally on *Rubus*.

Penicillium sp.: on 7 BC [372], NS [986] on fruit in storage.

Peniophora cinerea: on 20 NS [1032].

P. incarnata: on 17 BC [1012].

Peronospora rubi (C:249): downy mildew, mildiou: on 12, 17, 19 BC [1816].

Pezicula rubi (C:249): on 10 Ont [1340].

Phellinus ferreus (Poria f.): on 17 BC [1012].

Phragmidium sp.: rust, rouille: on 2, 20 Ont [1341]; on 20 Ont [1828], NS [1032].

P. arcticum (C:249): rust, rouille: 0 I II III on 1 Mack, Alta, Que [1575], Que [1236].

P. occidentale (C:249): rust, rouille: 0 I II III on 11 Ont, Que [1576]; on 12 NWT-Alta [1063], BC [954, 1012, 1816], BC, Alta, Ont [1576]; on 16 Mack [53].

P. rubi-idaei (C:249): yellow rust, rouille jaune: 0 I II III on 7 Yukon [460], BC, Que [333, 334, 339], Que [335, 338], NB [339, 1594], NS [337]; on 7, 7a, 7c Ont [1236]; on 7, 7b BC [1012]; on 7a, 10, 20 BC [1816]; on 7a, 20 NWT-Alta [1063]; on 12 Alta [950]; on 16 Mack [53]; on 20 BC [954].

P. rubi-odorati (C:249): rust, rouille: I II III on 11 Ont, Que [1236]; on 20 Ont [1341].

Phytophthora sp. (C:249): root rot, pourridié des racines: on 7 BC [333]; on 20 BC [1816].

P. fragariae: on 18a BC [1816].

Polyporus badius (P. picipes): on 17 BC [1012].

Pucciniastrum americanum (C:249): late yellow rust, rouille jaune tardive: II III on 7 BC [1012], Que [1377, F60], Que, NS, PEI [335], NB, NS [336], NS [333], NS, PEI [334]; on 7a, 7c, 20 Ont [1236]; on 9 Que [1236]; on 20 BC, Man [2008], Alta [644].

P. arcticum (C:249): rust, rouille: II III on 3 Yukon [460], BC [1816, F62]; on 3, 12, 16 BC [1012]; on 3, 16 Yukon, Mack, BC, Alta, Sask, Man [2008]; on 16 Mack [F66], Mack, Alta [53], Ont [1236], Que [1377]; on 20 BC [954], Alta [951].

Pyrenopeziza rubi (C:249): on 20 Ont [1340].

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:250): root rot, rhizoctone commun: on 7 Que [334].

Rhizopus sp.: on 7 BC [370, 372], NS [986].

Seimatosporium lichenicola (Hendersonia rubi) (holomorph *Discostroma corticola*): on 20 BC [1816].

Septoria rubi (C:250): leaf spot, tache septorienne: on 7 BC, NS [335], Que [334]; on 7, 10, 10a, 12, 17, 18, 18a, 19, 20 BC [1816]; on 18a BC [339, 1594]. See comment under *Mycosphaerella rubi*.

Sphaerotheca macularis (S. humuli) (C:250): powdery mildew, blanc: on 2, 4, 7, 11, 16, 20 Ont [1257]; on 5 Que [282, 1254]; on 5, 7, 11 Que [1257]; on 7 BC [333, 488], Alta, Que [338], Sask [1254], Que [339], Que, NS [335], NS [337, 1594]; on 7, 17, 19 BC [1816]; on 16 Ont [1254]; on 17 BC [1012].

Stomiopeltis borealis: on 10 BC [72].

Sydowiella depressula: on 20 BC [79].

Typhula erythropus: on 12 BC [901].

Valdensia heterodoxa (Asterobolus gaultheriae) (holomorph *Valdensinia h.*): on 12, 18 BC [1438]; on 13 BC [1426].

Valsa sp.: on 17, 20 BC [193].

V. ceratosperma (V. ceratophora) (C:250): on 7c Que [70]; on 17 BC [193]; on 20 Ont [1340].

Venturia chamaemori (Sphaerella c.) (C:250): on overwintered leaves of 5 Labr [73].

Verticillium sp. (C:250): wilt or blue stem, flétrissure verticillienne: on 7 Ont [96].

V. albo-atrum (C:250): wilt or blue stem, flétrissure verticillienne: on 7 BC [1816], Ont [98], Que [339], Que, NS [333, 334], NB [1594], NS [335, 336]; on 20 Ont [38].

V. dahliae (C:250): wilt or blue stem, flétrissure verticillienne: on 7 Ont [1087]; on 10 Ont [38].

RUDBECKIA L. COMPOSITAE

1. *R. hirta* L., black-eyed susan, marguerite jaune; imported from midwestern USA, introduced BC-Nfld. Most plants are referable to *R. hirta* var. *pulcherrima* Farw. (*R. serotina* Nutt.).
2. *R. laciniata* L., coneflower, rudbeckie laciniée; native, Man-Que, NS.

Erysiphe cichoracearum (C:251): powdery mildew, blanc: on 1, 2 Ont [1257]; on 2 BC [1816].

Uromyces rudbeckiae (C:251): rust, rouille: III on 2 Ont [1236].

RUMEX L. POLYGONACEAE

1. *R. acetosella* L., sheep sorrel, oseille; imported from Eurasia, natzd. Yukon, BC-Nfld, Labr.
2. *R. crispus* L., curly dock, reguette; imported from Eurasia, introduced, Yukon, BC-Nfld.
3. *R. obtusifolia* L., bitter dock, patience; imported from Eurasia, introduced BC, Ont-Nfld.
4. *R. orbiculatus* Gray, water dock, patience orbiculée; native, BC-Nfld.
   4a. *R. o.* var. *borealis* Rech. f. (*R. britannica* aucts. non L.).

5. *R. verticillatus* L., swamp dock, patience verticillée; native, Ont-Que.

Erysiphe communis (E. polygoni): powdery mildew, blanc: on 2 Ont [1257].
Puccinia acetosae (C:251): rust, rouille: II III on 1 Ont [1236].
P. ornata (C:251): rust, rouille: III on 4, 5, *R.* sp. Ont [1236].
Ramularia rubella (C:251): on 2 Que [282].
Venturia canadensis: on 1 BC, Que [301] and overwintered leaves and stalks BC, Que, Nfld [73].
V. rumicis (C:251): on 1 Que [70]; on 3 BC, Que, Nfld [300]; on spots in living and dying leaves of *R.* sp. BC, Nfld [73].

SAGITTARIA L. ALISMATACEAE

Aquatic, mostly perennial herbs of tropical and temperate regions especially in the w. hemisphere.

1. *S. latifolia* Willd., wapat, wapaton; native, BC-NS.

Doassansia intermedia (C:252): on *S.* sp. Ont [1341].
Gloeosporium confluens (C:252): on leaves of 1 Ont [440]. The correct generic placement for this species is uncertain [20].

SAINTPAULIA H. Wendl. GESNERIACEAE

1. *S. ionantha* H. Wendl., common African violet, violette africaine; imported from Africa.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*): gray mold, moisissure grise: on 1 Que [334].
Erysiphe cichoracearum (C:252): powdery mildew, blanc: on 1 Alta [1594], Ont [1257].
Phytophthora nicotianae var. *n.*: on 1 Alta [204], Ont [205].
Pythium sp.: on 1 BC [1816].

SALIX L. SALICACEAE

1. *S. alaxensis* (Anderss.) Coville; native, Yukon-Frank, BC-Man.
2. *S. alba* L., white willow, saule blanc; imported from Eurasia, natzd., Man-Nfld. 2a. *S. a.* var. *vitellina* (L.) Stokes (*S. vitellina* L.), golden willow, osier jaune. 2b. *S. a.* var. v. cv. Pendula (*S. a.* var. *tristis* (Ser.) Gaudin).
3. *S. amygdaloides* Anderss., peachleaf willow, saule à feuilles de pêcher; native, BC-Que.
4. *S. arbusculoides* Anderss. (*S. acutifolia* Hook.); Yukon-Mack, Keew, BC-Man.
5. *S. arctica* Pallas (*S. torulosa* Trautv.), arctic willow, saule arctique; native, Yukon-Labr, BC-Alta, Que, Nfld.
6. *S. arctophila* Cockerell; native, Yukon-Labr, Sask-Que, Nfld.
7. *S. babylonica* L., weeping willow, saule pleureur; imported from China.
8. *S. bebbiana* Sarg. (*S. rostrata* Richards. non Thuill.), beaked willow, chaton; native, Yukon-Mack, BC-Nfld, Labr.
9. *S.* x *blanda* Anderss., Niobe willow, probably *S. babylonica* x *S. fragilis*.
10. *S. candida* Fluegge, hoary willow, saule tomenteux; native, Yukon-Mack, BC-Nfld, Labr. 10a. *S. c.* f. *denudata* (And.) Rouleau; native, range of species.
11. *S. cinerea* L., gray willow, saule cendré; imported from Eurasia.
12. *S. cordata* Michx., heart-shaped willow, saule à feuilles en coeur; native, Man-Nfld. 12a. *S. c.* var. *rigida* (Muhl.) Carey (*S. rigida* Muhl.), erect willow, saule rigide; native, Man-Nfld.
13. *S. discolor* Muhl., large pussy willow, petit minou; native, BC-Nfld, Labr.
14. *S. exigua* Nutt. (*S. rubra* Richards. non Huds.), sandbar willow; native, Yukon-Mack, BC-NB.
15. *S. fragilis* L., crack willow, saule cassant; imported from Eurasia, spread from cultivation, Alta, Man-Nfld.
16. *S. glauca* L., gray-leaved willow, saule vert-de-mer; native, BC-Que, Nfld.
17. *S. herbacea* L., herbaceous willow, saule herbacé; native, Mack-Labr, Man, Que, Nfld.
18. *S. humilis* Marsh., small pussy willow, saule humble; native, Sask-Nfld.
19. *S. lasiandra* Benth., Pacific willow, saule laurier de l'Ouest; native, Yukon, BC-Sask.
20. *S. laurentiana* Fern.; native, Ont-NB, Nfld. 20a. *S. l.* f. *glaucophylla* (Bebb.) Boivin (*S. glaucophylla* Bebb.); native, Ont-NB, Nfld.
21. *S. lucida* Muhl., shining willow, saule laurier; native, Sask-Nfld, Labr.
22. *S. maccaliana* Rowlee; native, Yukon-Mack, BC-Que.
23. *S. myrtillifolia* Anderss.: native, Yukon-Mack, BC-NB, Nfld.
24. *S. nigra* Marsh., black willow, saule noir; native, Ont-NB.
25. *S. pedicillaris* Pursh, bog willow, saule pédicellé; native, Yukon, BC-Nfld, Labr.
26. *S. pellita* Anderss., silky willow, saule saliné; native, Sask-NS, Nfld, Labr.
27. *S. pentandra* L. (*S. laurifolia* Wesm.), bayleaf willow, saule laurier européen; imported from Europe.
28. *S. petiolaris* Sm., slender willow, saule pétiolé; native, BC-PEI.
29. *S. planifolia* Pursh ssp. *planifolia*; native, Yukon-Labr, e. BC-Alta.
30. *S. purpurea* L., basket willow, saule pourpre; imported from Eurasia, introduced, Ont-Nfld. 30a. *S. p.* cv. nana.

31. *S. reticulata* L., netted willow, saule réticulé; native, Yukon-Labr, BC-Man.
32. *S. scouleriana* Barratt, Scouler willow, saule de Scouler; native, Yukon-Mack, BC-Man. 32a. *S. s.* var. *poikila* Schn.; native, Yukon, BC. 32b. *S. s.* var. *thompsonii* Ball; native BC.
33. *S. sitchensis* Sanson, Sitka willow, saule de Sitka; native, Yukon, BC-Alta.
34. *S.* x *smithiana* Willd. (*S.* x *fruticosa* Doell., *S. caprea* L. x *S. viminalis* L.).
35. *S. triandra* L. (*S. amygdalina* L.), almond-leaved willow, osier amandier; imported from Europe.
36. Host species not named, i.e., reported as *Salix* sp.

Acremonium boreale: on 2a, 4 BC, Alta, Sask [1707].
Acrospermum cuneolum: on 36 BC [1012].
Acrotheca sp.: on 36 BC [1012].
Aleurodiscus cerussatus (C:253): on 36 Man [964]. Lignicolous.
A. oakesii (C:253): on 36 NS [964, 1032, 1036]. Lignicolous.
Allantoporthe tessella (Diaporthe t.) (C:254): on 36 Sask [F66], Ont [79, 1340, F60], NS [1032].
Anthostoma melanotes (C:253): on 36 NS [1032].
Armillaria mellea (C:253): on 36 BC [1012], Ont [1341]. See *Abies*.
Articulospora tetracladia: on 36 BC [43].
Basidiodendron cinerea: on ?36 BC [1016]. Lignicolous.
Basidioradulum radula (Hyphoderma r.): on 36 BC [1012]. See *Abies*.
Bispora betulina: on 36 Sask [1760].
B. effusa: on 36 Alta [1755, 1760].
Bisporella citrina: on 36 BC [1012].
Bjerkandera adusta (Polyporus a.) (C:256): on 36 NB, NS [1032]. See *Abies*.
Camarosporium salicinum: on 36 Sask [F66].
Cenangium betulinum: on 36 Yukon [664].
Cephalosporium sp.: on 7 BC [1012].
Ceriporia purpurea (Poria p.): on 36 Sask [579]. See *Alnus*.
C. rhodella (Poria r.): on 36 BC [1012]. See *Pinus*.
Cercospora salicina (C:253): on 13 Nfld [1659, F76]; on 13, 36 Nfld [1660, 1661]; on 36 Nfld [F68, F73, F74].
Cerrena unicolor (Daedalea u.) (C:254): on 36 Yukon [460, F62], Que [1855]. See *Acer*.
Chondrostereum purpureum (Stereum p.) (C:257): on 7 Ont [1341]; on 7, 36 NB [1036]; on 36 BC [1012], NB, NS [1032]. See *Abies*.
Ciboria caucus (C:253): on 36 Ont [662, 1590].
Ciborinia sp.: on 28, 36 Sask, Man [1766].
C. foliicola (C:253): on 36 BC [953, 1012, F73], Alta [951, F68, F73], Sask, Man [1766, F66, F67, F68, F71], Man [F69], Que [1766, F60, F61, F67, F70].
Cladosporium sp.: on 36 NB [1032].
C. herbarum (C:253): on 36 Yukon [460], NB [1032], NS [1036].
C. macrocarpum: on 36 Sask, Man [1760].
Clavicorona pyxidata: on rotten wood of 36 Que [1385]. See *Betula*.
Colletotrichum sp.: on 19 BC [1012].
Coltricia perennis (Polyporus p.) (C:256): on 36 BC [1012].
Columnophora rhytismatis (C:253): on 5 Frank [1586]. Possibly a *Stigmina*.
Coniophora puteana: on 36 Nfld [1659, 1660, 1661]. See *Abies*.
Conoplea geniculata: on 36 NWT-Alta [1063], Alta [53].
Coprinus micaceus: on 36 BC [1012]. See *Populus*.
Coriolopsis gallica (Trametes hispida) (C:257): on 7 BC [1012]. See *Acer*.
Coriolus hirsutus (Polyporus h.) (C:256): on 36 BC [1012], NS [1032]. See *Abies*.
C. versicolor (Polyporus v.) (C:256): on 36 BC [1012]. See *Abies*.
C. zonatus (Polyporus z.): on 36 BC [1012]. See *Betula*.
Crepidotus mollis (C. fulvotomentosus) (C:253): on 36 BC [1012]. See *Populus*.
Crustomyces subabruptus (Cystostereum s.): on 36 BC [1012]. Lignicolous.
Cryptodiaporthe apiculata: on 36 BC [1012, F70].
C. salicella (anamorph *Diplodina microsperma*) (C:253): on 7 Ont [339]; on 36 BC [1012, F70], Que [79, F66].
C. salicina (C:253): on 7 Ont [1827], NB, NS [1036, F75]; on 36 Ont [1340, F60, F66], NB, NS [F68], NB, NS, PEI [1032, F70], NS [F73]. Barr [79] referred Wehmeyer's collections to the preceding species but Currey's fungus, *C. salicina*, is distinct with wider spores [386].
Cryptomyces maximus (C:253): on 36 BC [1012], Alta [F68], Sask, Man [F67].
Cryptosporiopsis scutellata (holomorph *Ocellaria ocellata*): on 36 Sask [F65].
Cucurbidothis pithyophila: on 36 Yukon [460], BC [1012, F64, F67].
Cylindrobasidium evolvens (Corticium laeve) (C:253): on 32, 36 BC [1012]; on 36 NS [1032]. See *Abies*.
Cylindrocarpon orthosporum: on 36 Man [1760].
Cylindrosporium salicinum (C:253): on 36 Que [F61].
Cyphella sp.: on 36 Ont [1341].
Cyphellopsis anomala: on 36 BC [1012].
Cytidia flocculenta: on 16 Yukon [1110]. This specimen may be *Auriculariopsis ampla*.
C. salicina (C:253): on 1 Yukon [1110]; on 36 Yukon [460], BC [1012], Ont [1341], Que [282], NB, NS [1032], Nfld [1659, 1660]. Lignicolous.
Cytospora sp. (C:253): on 7 BC [726], Ont [1827], Que [F70], NB [1032, 1036], Nfld [F76]; on 7, 19, 36 BC [1012]; on 13 NS [1032]; on 27 Que [F65]; on 36 Yukon [460], NWT-Alta [1063], Mack [53], BC [F60], BC, Ont [1340], Alta [337], Ont [1828], NB, PEI [1032].

C. chrysosperma (holomorph *Valsa sordida*) (C:253): on 2b, 7 Ont [339]; on 5 Que [339]; on 7 BC [1340, 1816, F60], Ont [F73], Nfld [1660]; on 9 BC [335]; on 27 Alta, Que [338]; on 36 Alta [339, 1594], Ont [336, 1340, 1828, F64].

C. pulcherrima (C:254): on 36 BC [1340].

C. salicis (C:254): on 7 NB [F64]; on 13 Alta [950], Nfld [1660, F74]; on 36 Nfld [1661, F76].

Daedaleopsis confragosa (Daedalea c.) (C:254): on 36 Yukon [460, F62], NWT-Alta [1063], Mack [53], BC [1012], Ont [1341], NB, NS [1032]. See *Acer*.

Datronia stereoides (Polyporus planellus): on 36 Yukon [1110]. See *Alnus*.

Dendrothele griseo-cana (Aleurocorticium g.): on 36 Ont [965]. Lignicolous.

Dendryphiopsis atra (holomorph *Microthelia incrustans*): on 36 Sask [1760].

Dentocorticium sulphurellum (Laeticorticium s.): on 36 Ont [555, 930]. Lignicolous.

Diaporthe sp.: on 36 BC [193].

Diatrype bullata (C:254): dieback, dépérissement: on 36 BC [1012].

Diplodina salicicola: on 7 Que [F70].

D. microsperma (D. salicis, Septomyxa s.) (holomorph *Cryptodiaporthe salicella*) (C:254, 257): on 36 BC [1012, F62], Man [F66], Que [338, 1377], NB, NS [1032].

Discella carbonacea (C:254): on 7 Ont [1827]; on 36 Sask, Man [F67], Ont [1340, F74], Que [F66]. Specimens are probably *Diplodina microsperma* [1763].

Discostroma corticola (Griphosphaeria c.) (anamorph *Seimatosporium lichenicola*): on 36 Man [F68].

Dothiorella pyrenophora var. *salicis* (C:254): on 36 Sask [F65, F67].

Drepanopeziza salicis (C:254): leaf spot, tache des feuilles: on 36 Man [F65].

D. sphaerioides (C:254): on 7, 36 NB [1036]; on 36 Sask [F66].

Eichleriella deglubens (E. spinulosa): on 36 Ont [1341]. See *Populus*.

Endophragmiella biseptata (Endophragmia nannfeldtii): on 36 Sask [1760].

Epipolaeum longisetosa: on 36 Que, Labr [73].

Exidia glandulosa f. *populi*: on 36 Yukon [460], BC [1012]. Lignicolous.

E. recisa (C:254): on 36 Yukon [460], NWT-Alta [1063], Alta [53]. Lignicolous.

Exidiopsis grisea: on 36 BC [1012]. Lignicolous.

Favolus alveolaris (C:254): on 36 NWT-Alta [1063], Ont [1341]. See *Acer*.

Flammulina velutipes: on stumps and dead trunks, sometimes on dead parts of live trees of 36 Que [1385]. See *Populus*.

Fomes sp.: on 36 NWT-Alta [1063].

Fusarium sp.: on 2a BC [1012]; on 7 NB [1032].

F. lateritium: on 36 BC [1012].

Fusicladium sp.: on 36 BC [1012], Que [282].

Fusicoccum sp. (C:254): on 5 Frank [1586].

Ganoderma applanatum (Fomes a.): on 36 BC [1012], Man [F67], Que [1377]. See *Abies*.

Gloeocystidiellum porosum: on 36 BC [1012]. See *Acer*.

Gloeoporus dichrous (Polyporus d.) (C:256): on 36 Ont [1341]. See *Acer*.

Gloeosporium sp.: on 2a, 7 BC [F61]; on 36 BC [1012], Sask [F60], Ont [1340], NB, NS, PEI [1032].

Glyphium elatum: on 36 BC [589].

Godronia cassandrae (anamorph *Fusicoccum putrefaciens*): on 36 Que [1678].

G. cassandrae f. *betulicola*: on 36 Que [1684, F68]. See comment under *Alnus*.

G. fuliginosa (C:254): on 36 BC [1012, F65], Sask, Ont [656], Que [1680, 1684, F68].

Graphium sp.: on 36 Ont [1340].

Gymnopilus spectabilis (Pholiota s.) (C:256): on 36 NS [1032]. See *Acer*.

Hapalopilus nidulans (Polyporus n.) (C:256): on 19 BC [1012]; on 36 BC, Ont [1341], Nfld [1659, 1660, 1661]. See *Abies*.

Haploporus odorus (Trametes o.) (C:257): on 36 NWT-Alta [1063], Mack, Alta [579], BC [1012, F60], BC, Sask [1014], Alta [1341], Sask [F67]. See *Alnus*.

Helminthosporium sp.: on 36 BC [1012].

Hendersonia sp.: on 36 Ont [1340]. See comments under *Abies*.

Heteroconium tetracoilum (Septonema t.): on 36 Man [1760].

Hymenochaete tabacina (C:254): on 36 BC [1012], Ont [1341], NB, NS [1032], Nfld [1659, 1660, 1661]. See *Abies*.

Hyphodontia pallidula: on 36 BC [1012]. See *Abies*.

H. quercina: on 36 BC [1012]. Lignicolous.

Hypochnicium bombycinum (Corticium b.) (C:253): on 36 NS [1032]. See *Acer*.

Hypocreopsis lichenoides (anamorph *Stromatocrea cerebriforme*): on dead branches of 36 Que [1385].

Hypoxylon sp.: on 36 NS [1032].

H. fuscum: on 36 Sask [F67].

H. mammatum (C:254): on 36 BC [1012], Sask, Man [F66], Ont [1340], NS [1032], Nfld [1659, 1660, 1661].

H. rubiginosum: on 36 Sask [F67].

Ingoldia craginiformis: on 36 BC [43].

Intextomyces contiguus (Corticium c.) (C:253): on 36 NWT-Alta [1063], Mack [53], BC [1012]. Lignicolous.

Irpex lacteus (Polyporus tulipiferae) (C:256): on 36 BC [1012], Que [1390], NB [1032]. See *Acer*.

Junghuhnia nitida (Poria attenuata): on 36 NS [1032]. See *Acer*.

Kabatiella boreale (Gloeosporium b.) (C:254): on 36 Que [1377].

Lachnella alboviolascens (Cyphella a.): on 36 BC [1012, 1424]. Lignicolous.

Laeticorticium lundellii (Dendrocorticium l.): on 36 Yukon [930]. Lignicolous.

Lentinus suavissimus: on 36 Que [1385]. Lignicolous.

Lenzites betulina (C:254): on 36 NS [1032]. See *Acer*.

Leptosphaeria sp.: on 36 Ont [1340].

Leucostoma nivea (Valsa n.) (anamorph *Cytospora n.*): on 36 NWT-Alta [1063], NB [1032].

L. persoonii (Valsa leucostoma) (anamorph *Cytospora rubescens*): on 27 Que [337].

Linospora capreae: on overwintered leaves of 36 BC [79].

L. insularis: on 36 NWT [79].

Lophodermium versicolor (C:255): on 36 Ont [1828].

Lycoperdon pusillum (C:255): puffball: on 36 NS [1032]. Probably on rotted wood.

Marssonina kriegeriana (holomorph *Drepanopeziza triandrae*) (C:255): anthracnose, anthracnose: on 7 BC [334, 336, 1012, 1816]; on 36 NB [334, 1032].

M. lindii (C:255): on 5 Frank [1586].

M. populi (holomorph *Drepanopeziza populorum*) (C:255): on 36 NS, PEI [1032].

M. salicicola (C:255): on 7 BC [726, 1012].

M. santonensis: on 36 Sask [F66, F67].

Melampsora sp.: rust, rouille: on 36 BC [F76], Alta [1594], Ont [1341, 1827, 1828, F73], NB, NS, PEI [F68], NS, PEI [F67], Nfld [1659, 1660, 1661].

M. abietis-canadensis: rust, rouille: on 36 Ont [1828]. Doubtful host record, probably on *Populus*.

M. abieti-capraearum (C:255): rust, rouille: II III on 8, 12, 14, 18, 21, 24, 36 Ont [1236]; on 8, 36 Nfld [1659, 1660, 1661]; on 13 Nfld [F76]; on 32a, 32b BC [1012]; on 36 Mack, BC, Alta, Sask, Man [2008], Sask, Man [F67, F69], Man [F68], Ont [1341, F73], Que [1377], Nfld [F71], Nfld, Labr [F74].

M. arctica (C:255): rust, rouille: II III on 6, 12 Que [1236]; on 33 BC [1012]; on 36 Frank, BC, Alta [2008].

M. epitea (C:255): rust, rouille: II III on 5 Frank [1249, 1544, 1586]; on 5, 6, 17, 31, 36 Frank [1244]; on 10, 10a, 13 Que [282]; on 13, 18 NS [1036]; on 13, 24 NB [1036]; on 13, 26 Nfld [1659, 1660, 1661]; on 15, 19, 31 BC [1012]; on 22 Alta [950]; on 36 Yukon [460], NWT-Alta [1063], Mack, Alta [53], Mack, Ont, Que [F67, F72], BC [954, F70], Alta [951, 952, 1402], Ont [1341, F65, F68], Que [F69, F71, F73], Que, Nfld, Labr [F74], NB, NS, PEI [1032].

M. epitea f. sp. *tsugae* (C:255): rust, rouille: II III on 32a, 33 BC [1012, 2008].

M. medusae: rust, rouille: II III on 36 Alta [952], NB, NS [F70].

M. paradoxa (M. bigelowii) (C:255): rust, rouille: II III on 3, 8, 12, 13, 21, 24, 36 Ont [1236]; on 13 NS [1036]; on 19 BC [1012, 2007]; on 36 Yukon, Mack, BC [2008], NWT-Alta [1063], Alta [952], Alta, Sask, Man [2008, F69, F70], Sask, Man [F63, F67, F68, F71, F73], Sask [F62, F74], Man [F64, F66], Ont [F74], Que [1377], NB, NS [1032], NB, PEI [F69], PEI [1036], Nfld [1660, F72].

M. ribesii-purpurea (C:255): on 19 BC [1341]; on 32 BC [1012]; on 36 Yukon, BC, Alta [2008].

M. salicina: on 36 Ont [437]. Probably a specimen of *M. epitea*.

Melanomma pulvis-pyrius (C:255): on 36 BC [1012].

Melzericium udicola: on 36 BC [1012].

Merismodes sp.: on 36 BC [1012].

Meruliopsis ambiguus: on 36 Alta [568]. See *Alnus*.

M. corium: on 31 BC [1012]; on 36 Sask [568]. See *Acer*.

Monostichella salicis (Gloeosporium s.) (C:254): anthracnose, anthracnose: on 36 Ont [1340, 1763], Que [1377], NS [1032].

Mycoacia uda: on 36 BC [1012]. See *Acer*.

Mycosphaerella maculiformis: on 36 Que [70].

Nectria sp.: on 33 BC [1012].

N. cinnabarina (anamorph *Tubercularia vulgaris*) (C:255): on 2b Que [335]; on 36 Sask [F67].

N. coccinea (C:255): on 36 BC [1012].

N. coryli (C:255): on 36 NS [1032].

N. galligena (C:255): on 36 NS [1032].

Nematogonium ferrugineum (Gonatorrhodiella highlei): on 36 BC [1012].

Neta patuxentica: on 36 Man [1760].

Nidula niveotomentosa: bird's nest fungus: on 36 BC [1012]. See *Pseudotsuga*.

Ocellaria ocellata (Pezicula o.) (anamorph *Cryptosporiopsis scutellata*) (C:256): on 36 BC [1012], Sask, Man [F66, F67], Ont [1340, F67], NS [1032].

Orbilia sp.: on 36 NB [1032].

Peniophora cinerea (C:256): on 36 Ont [973, 1341]. See *Abies*.

P. incarnata: on 36 NS [1032]. See *Abies*.

P. rufa (Cryptochaete r.): on 36 Ont [1341]. See *Populus*.

Phaeoisaria sparsa: on 36 Yukon [460], Man [1760].

Phaeomarasmius erinaceus: on 36 Yukon, BC, Ont [1434], Labr [867]. See *Populus*.

P. erinacellus (Pholiota e.) (C:256): on 36 NS [1032].

P. rhombosporus: on 36 Que [1041]. See *Populus*.

Phaeostalagmus tenuissimus (Verticillium t.): on 36 Sask [1760, F67].

Phellinus conchatus (Fomes c.) (C:254): on 36 NS [1032]. See *Acer*.

P. ferreus (Poria f.) (C:256): on 19 BC [1012]. See *Acer*.

P. ferruginosus (Poria f.) (C:256): on 36 NS [1032]. See *Abies*.

P. igniarius (Fomes i.) (C:254): white trunk rot, carie blanche du tronc: on 19 BC [1341]; on 29 Labr [867]; on 36 NWT-Alta [1063], Mack [53], BC [1012], NB [1032], Nfld [1659, 1660, 1661]. See *Acer*.

P. laevigatus (Fomes igniarius var. *l.)*: on 36 NB [1032]. See *Acer*.

P. punctatus (Poria p.) (C:256): on 36 Ont [1827], NB, NS [1032]. See *Abies*.

P. robustus (Fomes r.): on 8 Mack, Sask [579]; on 36 Alta, Sask [579]. See *Abies*.

Phibalis furfuracea (Encoelia f.): on 36 NWT-Alta [1063], Alta [952].

Phlebia deflectens (Corticium d.) (C:253): on 36 BC [1012], NS [1032]. See *Acer*.

P. radiata: on 36 BC [1012]. See *Abies*.

P. rufa: on 36 BC [568, 1012]. See *Abies*.

Pholiota aurivella (C:256): on 36 BC [1012]. See *Abies*.

P. aurivelloides: on 32 BC [1012].

P. squarrosoides (C:256): on 36 NS [1032]. See *Acer*.

Phomopsis sp.: on 36 BC [1012].

Phyllactinia guttata: powdery mildew, blanc: on 13 Nfld [1659, 1660, 1661]. Probably *Uncinula adunca*.

Phyllosticta apicalis (C:256): on 36 Que [F61].

Physalospora miyabeana (C:256): black canker or blight, chancre noire: on 2a NS [336]; on 2a, 2b, 9, 15, 24 NS [711]; on 2a, 7 BC [334, 1012]; on 7 BC [1816], Que [339]; on 12, 13 Que [1377]; on 36 BC, Ont [1340], BC, Que [335, 336, F62], Que [F63], NB, NS [339, F60, F66, F69, F70, F71], NB, NS, PEI [336, 1032, F61, F62, F63, F64, F65, F67, F72], NS [335, 1151, 1594, F68]. Almost always associated with *Venturia saliciperda* (anamorph *Pollaccia saliciperda*).

Pleospora sp.: on 36 BC [1012].

Pleuroceras helveticum: on dead leaves of 36 Que [79].

P. pleurostyla: on overwintered leaves of 36 Labr [79].

Pleurophomopsis salicicola: on 7 BC [726]. The generic name is a synonym of *Sirodothis* [1763], and this species is probably a *Sirodothis*.

Pleurotus ostreatus (C:256): on 36 BC [1012]. See *Abies*.

Plicatura nivea: on 36 Mack, Sask [563, 568]. See *Acer*.

Pluteus salicinus: on stumps of 36 Que [1385].

Podosphaera clandestina: powdery mildew, blanc: on 36 NS [1032]. Probably *Uncinula adunca*.

Pollaccia saliciperda (Fusicladium s.) (holomorph *Venturia s.*) (C:256): scab, brûlure du saule: on 2a, 2b, 9, 15, 24 NS [711]; on 2a, 7 BC [F61]; on 2a, 34, 35 BC [F60]; on 2a, 36 NS [337]; on 2b, 30a Que [335]; on 7 BC [333, 1816], Que [339, F66]; on 7, 27 Que [333]; on 12, 13 Que [1377]; on 27, 36 Que [337]; on 36 BC, Que [F62], BC, Que, NS [335], Man [1760, F68], Ont [1340, 1827, F68, F70, F72, F73], Ont, Nfld [F64], Que [F63, F74, F76], Que, NS, PEI [333], NB, NS [339, F60, F66], NB, NS, PEI [338, 1032, F61, F62, F63, F64, F65, F67], NS [1594], Nfld [1659, 1660, 1661]. Usually associated with *Physalospora miyabeana*.

Polyporus badius (P. picipes) (C:256): on 36 NWT-Alta [1063], BC [1012], NB [1032]. See *Abies*.

P. brumalis: on dead branch of 36 Yukon [579]. See *Abies*.

P. melanopus: on 36 Yukon [1110]. Reported to be mycorrhizal with *Pinus*.

P. squamosus: on 36 NWT-Alta [1063]. See *Acer*.

P. varius (P. elegans) (C:256): on 36 Yukon [1110], NWT-Alta [1063], Mack [579, 1110], BC [1012], Alta [952], Ont [1341], NS [1032], Nfld [1659, 1660, 1661]. See *Abies*.

Poria sp.: on 36 NWT-Alta [1063], Mack [53].

P. subacida: (C:256): on 33 BC [1012]. See *Abies*.

Pseudospiropes simplex: on 36 Sask [817], Sask, Man [1760].

Pseudotomentella atrofusca: on 36 BC [1828].

Punctularia strigosozonata (Phaeophlebia s.): on 36 NB [1032]. See *Alnus*.

Ramularia rosea (C:256): leaf spot, tache des feuilles: on 36 Sask [F65], Sask, Man [F69], Man [F67, F68], Que [F61].

Ramulaspera salicina: on 36 BC [1012, F64].

Rhabdospora salicella: on 36 Ont [1340, F67].

Rhytisma sp.: on 5 Frank [1239].

R. salicinum (C:256): tar spot, tache goudronneuse: on 5 Frank [1586]; on 6, 17 Frank [1244]; on 13 Que [282], NS [1032], Nfld [F76]; on 13, 36 Nfld [1659, 1660, 1661]; on 32 BC [1012]; on 36 Yukon [460], NWT-Alta [1063], Mack, Alta [53], BC [953, 954], BC, Ont [1340], Alta [644, 951, 952], Alta, Sask [F71], Sask, Man [F60, F63, F69], Sask, Man, Ont [F65, F66, F67, F68], Man [F62, F64, F70], Ont, Que [F72], Ont, NS [F64], Que [1341, F67, F75, F76], NB, NS, PEI [1032], Nfld [F63, F64, F65].

Schizophyllum commune: on 36 Ont [1341], NB [1032]. See *Abies*.

Schizopora paradoxa (Poria versipora) (C:256): on 36 BC [1012]. See *Abies*.

Schizoxylon compositum: on 36 Ont [1608].

Sclerophoma sp.: on 27 BC [1012].

Septoria sp.: on 36 BC [1012].

S. didyma: on 36 Sask, Man [F67, F68], Man [F66].

S. salicicola (C:257): on 36 Man [F65].

Skeletocutis nivea (Polyporus semipileatus) (C:256): on 36 BC [1012]. See *Amelanchier*.

Spadicoides bina: on 36 Sask, Man [1760].

Sphaceloma murrayae: on 36 Man [F66].

Spongipellis malicolus (Polyporus spumeus var. *malicola)*: on 24 Que [F71]. See *Fraxinus*.

Sporidesmium achromaticum: on 36 Sask, Man [1760].

S. leptosporum: on 36 Man [1760].

Stictis radiata (C:257); on 36 BC [1012].

Taeniolella stilbospora (Septonema atrum): on 36 NS [1032].

Tapesia fusca (C:257): on 36 Ont [1340].

Tectella patellaris (Panellus p., Panus operculatus): on 36 Yukon [1108], NB [1032].

Tetracladium setigerum: on 36 BC [43].

Tomentella botryoides (C:257): on 36 NS [1032].

T. umbrinospora: on 36 Ont [1341, 1828].

Tomentellina fibrosa (Kneiffiella f.): on 36 Alta [1828].

Trametes suaveolens (C:257): on 36 Yukon, BC [F63], Yukon [460], NWT-Alta [1063], Ont [1341], Que [1377, 1385], NB, NS [1032]. See *Populus*.

T. trogii: on 36 NS [1032]. See *Populus*.

Trichaptum biformis (Polyporus pargamenus): on 36 Mack [53], Ont [1341], NB [1032]. See *Acer*.

Trimmatostroma sp.: on 36 Ont [1827].

T. salicis: on 36 Sask, Man [1760], Man [F65].

Tubercularia sp.: on 36 Ont [1340].

T. vulgaris (holomorph *Nectria cinnabarina*) (C:257): on 36 BC [1012].

Tulasnella violea: on 36 BC [1012]. See *Alnus*.

Tympanis alnea (anamorph *Sirodothis inversa*): on 36 Alta [1221].

T. heteromorpha: on 36 Ont, Que, NB [1221].

T. salicina (C:257): on 36 Man [F67], Que [1221].

T. saligna (anamorph *Sirodothis s.*) (C:257): on 36 NWT-Alta [1063], Alta [952].

Tyromyces chioneus (Polyporus albellus) (C:256): on 36 NS [1032]. See *Abies*.

Uncinula adunca (U. salicis) (C:257): powdery mildew, blanc: on 2, 3, 7, 15, 25, 36 Que [1377]; on 8, 12, 12a, 13, 18, 20a, 21, 36 Ont [1257]; on 8, 12a, 13, 21, 36 Que [1257]; on 13 Nfld [1659, 1660, 1661]; on 16, 25 BC [1257]; on 23 Yukon [1257]; on 32 BC [1012]; on 36 Yukon [460], NWT-Alta [1063], Mack [53], Sask, Man [F63, F66, F67, F68], Man [1257], Ont [1340, F68], Que [F72, F73], NB, NS, PEI [1032]. See under *Phyllactinia guttata* and *Podosphaera clandestina*, above.

Valsa sp.: on 32 BC [1012]; on 36 Sask, Man [F65]; Ont [1340].

V. ambiens (V. salicina, V. sordida) (anamorph *Cytospora a.*) (C:257): canker, chancre cytosporéen: on 7 BC [1012], NB [1036]; on 24, 36 Ont [1340]; on 36 NWT-Alta [1063], Ont [1828, F65], Que [1377, F68], NB, NS [1032].

V. ceratosperma: on 36 NWT-Alta [1063].

V. translucens (C:257): on 36 NWT-Alta [1063].

Valsella salicis (V. fertilis, Valsa s.) (C:257): on 36 Ont [1340, 1440, 1828, F60], Que [F68].

Vararia effuscata: on 36 Ont [1341]. See *Acer*.

Varicosporium elodeae: on 36 BC [43].

Venturia chlorospora (C:257): on overwintered leaves and seed capsules of 36 BC, Que, Labr [73], Que [70].

V. minuta: on overwintered leaves of 36 BC, Que [73].

V. saliciperda (anamorph *Pollaccia saliciperda*): on 2a, 7 BC [334]; 2a, 7, 34, 36 BC [1012]; on 2a, 36 NS [336]; on 7 BC [F76]; on 7, 36 NB, NS [1036]; on 36 BC, Que, NB, PEI [336], Ont, Que, NB [F75], Que, NB, NS [F69], NB, NS [F70, F71, F73], NB, NS, PEI [F72, F76], NS [F68], PEI [1036], Canada [73].

V. subcutanea: on overwintered leaves and catkins of 30 NWT [73].

Xylaria hypoxylon: on 36 BC [1012].

SALSOLA L. CHENOPODIACEAE

1. *S. kali* L. var. *tenuifolia* Tausch, Russian thistle, chardon de russie; imported from Eurasia, introduced, BC-PEI.

Verticillium dahliae: on 1 BC [1816, 1978].

SALVIA L. LABIATAE

1. *S. officinalis* L., common sage, sauge; imported from Eurasia.

Sclerotinia sclerotiorum: on 1 NB [333, 1194].

SAMBUCUS L. CAPRIFOLIACEAE

1. *S. canadensis* L., common elder, sureau blanc; native, Man-PEI.
2. *S. cerulea* Raf. (*S. glauca* Nutt.), blue elder, sureau bleu; native, BC.
3. *S. nigra* L., European elder, sureau noir; imported from Eurasia, occasionally spreading from cultivation, s. Ont.
4. *S. racemosa* L., European red elder, sureau rouge à grappes; native, BC-Nfld. 4a. *S. r.* var. *arborescens* (Torr. & Gray) Gray; native, BC. 4b. *S. r.* var. *pubens* (Michx.) Koehne (*S. pubens* Michx.), catberry, sureau rouge; native, Man-NS.
5. Host species not named, i.e., reported as *Sambucus* sp.

Cerocorticium confluens (Corticium c.): on 5 NS [1032]. See *Abies*.

Dendropleella hirta (C:258): on 4b Que [70].

Dendryphion comosum: on 4b BC [818].

Diaporthe sp.: on 4b BC [193].

Dothidea sambuci: on 4b, 5 Ont [1340]; on 5 Ont [F66].

Endophragmiella socia: on 5 BC [808].

Exidia nucleata: on 5 NS [1032]. See *Acer*.

Fenestella vestita (C:258): on 5 Ont [1340, F62].

Fusarium sp. (C:258): crown rot, pourridié fusarien: on 5 Que [F66].

Helminthosporium velutinum: on 4b BC [810].

Hymenochaete tabacina (C:258): on 5 BC [1012]. See *Abies*.

Hyphoderma sambuci (Peniophora s.) (C:258): on 4a BC [1012]; on 5 Que [F64], NS [1032]. See *Acer*.

Hypochnicium bombycinum (Corticium b.): on 5 NS [1032]. See *Acer*.

Microsphaera grossulariae (C:258): powdery mildew, blanc: on 1, 5 Que [1257]; on 1, 4a, 5 Ont [1257]; on 4b, 5 NS [1257].

M. penicillata (C:258): powdery mildew, blanc: on 5 NB [339]. Probably a specimen of *M. grossulariae*.

Nectria cinnabarina (anamorph *Tubercularia vulgaris*) (C:258): on 4b Sask [F69], Nfld [1659, 1660, 1661]; on 5 NWT-Alta [1063], Mack [53], Sask [336].

Pellidiscus pallidus: on 5 BC [1424]. See *Alnus*.

Peniophora incarnata (C:258): on 5 BC [1012], NS [1032]. See *Abies*.

Phragmocephala elliptica: on 5 BC [807].

Phytophthora citricola: on 3, 5 Alta [1594]; on 5 Alta [339].

Pseudospiropes nodosus: on 5 BC [816].

Puccinia bolleyana (C:258): rust, rouille: 0 I on 1 Ont [1828], NS [1032]; on 1, 3, 5 Ont [1236]; on 4b Sask [F74]; on 4b, 5 Ont [1341]; on 5 Ont [F60, F62], Ont, Que [F67].

Pythium sp.: on 5 Alta [338].

Ramularia sambucina (C:258): on 4 Que [F61].

Schizopora paradoxa (Poria versipora) (C:258): on 4a BC [1012]. See *Abies*.

Septoria sambucina (C:258): leaf spot, tache septorienne: on 2 BC [1012]; on 2, 4 BC [1816]; on 5 NWT-Alta [1063], Alta [338].

Stigmina sp.: on 5 Ont [1340].

S. pedunculata (Sciniatosporium p.) (C:258): on 2 BC [1127].

Tubercularia sp.: on 5 NWT-Alta [1063].

T. ulmea: on 4b Sask [F67].

Vermicularia sambucina: on dead young stems of 5 Ont [440].

Verticillium albo-atrum: on 5 Que [F65].

SANGUINARIA L. PAPAVERACEAE

1. *S. canadensis* L., bloodroot, sang-dragon; native, Man-NS. Woodland perennial herb native to e. North America.

Stromatinia sanguinariae: on 1 Que [661].

SANGUISORBA L. ROSACEAE

1. *S. canadensis* L., Canadian burnet, herbe à pisser; native, Yukon, BC, Que-NS, Labr. 1a. *S. c.* ssp. *latifolia* (Hook.) Calder & Taylor (*S. sitchensis* Mey.); native, Yukon, BC.
2. *S. officinalis* L. (*S. microcephala* Presl), great burnet; native, Yukon-Mack, BC.

Isariopsis bulbigera (C:259): on 1a BC [1012].

Sphaerotheca macularis (C:259): powdery mildew, blanc: on 1 Que, Nfld [1254]; on 1a BC [1254]; on 2 BC [1012, 1816].

SANICULA L. UMBELLIFERAE

1. *S. gregaria* Bickn., yellow sanicle, sanicle grégaire; native, Ont-NS.
2. *S. marilandica* L., black snakeroot, sanicle de Maryland; native, BC-Nfld.

Phyllosticta vexans: on 1 Ont [195].

Puccinia marylandica (C:259): rust, rouille: 0 I II III on 2 BC [1551], Ont, Que [1236, 1551].

SARRACENIA L. SARRACENIACEAE

1. *S. purpurea* L., pitcher plant, petits cochons; native, Mack, BC-Nfld.

Glomerella cingulata (anamorph *Colletotrichum gloeosporioides*) (C:259): on 1 Que [70].

Thozetella canadensis: on *S.* sp. growing in greenhouse Ont [1162].

SASSAFRAS Nees LAURACEAE

Aromatic trees or shrubs, native, s. Ont.

Cladosporium sp.: on *S.* sp. Ont [1340].

SATUREJA L. LABIATAE

1. *S. douglasii* (Benth.) Briq. (*Micromeria d.* Benth.), yerba buena; native, BC.
2. *S. glabella* (Michx.) Briq. (*S. arkansana* (Nutt.) Briq.); native, Ont.
3. *S. hortensis* L., summer savory, sarriette des jardins; imported from Eurasia.
4. *S. vulgaris* (L.) Fritsch (*Clinopodium v.* L.); wild basil, grand basilic sauvage; imported from Eurasia.

Alternaria sp.: on 3 NS [602].

Cephalosporium sp.: on 3 NS [602].

Colletotrichum coccodes: on 3 NS [602].

Gibberella cyanogena (anamorph *Fusarium sulphureum*): on 3 NS [602].

Mortierella ramanniana var. *ramanniana*: on 3 NS [602].

Puccinia menthae (C:259): rust, rouille: 0 I II III on 1 BC [1012, 1816]; on 2, 4 Ont [1236]; on 4 Ont [1828].

Pyrenochaeta sp.: on 3 NS [602].

Pythium oligandrum: on 3 NS [602].

Ulocladium atrum: on 3 NS [602].

Veticillium dahliae: on 3 NS [602].

SAXIFRAGA L. SAXIFRAGACEAE

1. *S. aizoides* L., yellow mountain saxifrage; native, Yukon-Labr, BC-Alta, Man-Que, NS, Nfld.

2. *S. aizoon* Jacq., livelong saxifrage, saxifrage aizoon; native, Mack, Frank-Labr, Ont, NS, Nfld. 2a. *S. a.* var. *neogaea* Butters; native, n. Que, Labr, Nfld.
3. *S. bronchialis* L.; native, Yukon-Mack, BC-Alta.
4. *S. caespitosa* L., California saxifrage; native, Mack-Labr, BC-Alta.
5. *S. callosa* Sm. *(S. lingulata* Bellardi, *S. lantoscana* Boiss. & Reut.*)*; imported from s. Europe.
6. *S. cernua* L., nodding saxifrage; native, Yukon-Labr, BC-Alta, Ont-Que.
7. *S. cotyledon* L.; imported from Europe.
8. *S. ferruginea* Graham; native, Yukon-Mack, BC-Alta.
9. *S. flagellaris* Sternb. & Willd.; native, Yukon-Frank, BC-Alta. 9a. *S. f.* ssp. *platysepala* (Trautv.) Porsild; native, Frank.
10. *S. hieracifolia* Waldst. & Kit.; native, Yukon-Frank.
11. *S. hirculus* L., yellow marsh saxifrage; native, Yukon-n. Que, Man-Ont. 11a. *S. h.* ssp. *propinqua* (R. Br.) Love & Love.
12. *S. lyallii* Engl.; native, Yukon-Mack, BC-Alta. 12a. *S. l.* ssp. *hultenii* (Calder & Savile) Calder & Taylor. 12b. *S. l.* ssp. *l.*
13. *S. mertensiana* Bong.; native, BC-Alta.
14. *S. nelsoniana* D. Don; native, Yukon-Keew, BC-Alta. 14a. *S. n.* ssp. *carlottae* (Calder & Savile) Hulten (*S. punctata* ssp. *c.* Calder & Savile); native, BC. 14b. *S. n.* ssp. *cascadensis* (Calder & Savile) Hulten (*S. punctata* ssp. *c.* Calder & Savile); native, BC. 14c. *S. n.* ssp. *porsildiana* (Calder & Savile) Hulten (*S. punctata* ssp. *porsildiana* Calder & Savile); native, Yukon-Keew, BC-Alta.
15. *S. nivalis* L., alpine saxifrage; native, Yukon-Labr. 15a. *S. n.* var. *tenuis* Wahlenb. (*S. tenuis* (Wahlenb.) Sm.); native, range of species but more southern.
16. *S. occidentalis* S. Wats.; native, BC-Sask. 16a. *S. o.* var. *rufidula* (Small) Hitchc.; native, BC.
17. *S. odontoloma* Piper (*S. arguta* aucts. non Don); native, BC.
18. *S. oppositifolia* L., purple mountain saxifrage, saxifrage à feuilles opposées; native, Yukon-Labr, BC-Alta, Man, Que, Nfld.
19. *S. reflexa* Hook.; native, Yukon-Mack, BC.
20. *S. rivularis* L., alpine brook saxifrage; native, Yukon-Labr, BC-Alta, Man, Que, Nfld.
21. *S. serpyllifolia* Pursh; native, Yukon-Mack.
22. *S. stellaris* L. (*S. foliolosa* R. Br.), star saxifrage, saxifrage étoilée; native, Yukon-Labr, Nfld.
23. *S. tolmei* Torr. & Gray; native, BC.
24. *S. tricuspidata* Rottb.; native, Yukon-Labr, BC-Ont.
25. *S. virginiensis* Michx., early saxifrage, passe-pierre; native, Man-NB.

Arcticomyces warmingii (C:260): on 1, 18 Frank [1544]; on 18 Frank [1543, 1586], Que [1544].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:260): on 20 Frank [664].

Fabraea sp. (C:260): on 11a Frank [664]. Specimen probably a *Leptotrochila*.

Melampsora arctica (C:260): rust, rouille: 0 I on 4, 18 Frank [2008].

M. epitea (C:260): rust, rouille: on 18 Frank [1239, 1586].

M. hirculi: rust, rouille: on 11 Keew [1584].

Mycosphaerella allicina (M. saxifragae) (C:260): on 4, 6, 11 Keew, on 11a, 15, 22 Frank and on 20 NWT [1586]; on 22 Frank [1244].

Pseudomassaria inconspicua (C:261): on 2a Nfld, on 3 BC, on 18, 24 Frank, and on 24 Que [71].

Puccinia austroberingiana: rust, rouille: on 14a BC [1560]. The specimens were intermediate between ssp. *austroberingiana* and ssp. *saxifragarum*.

P. austroberingiana ssp. *austroberingiana*: rust, rouille: on 6, 14a, 14b BC and on 14c Yukon, Mack, Keew [1560]. Host (14a) was intermediate between ssp. *carlottae* and ssp. *porsildiana*.

P. austroberingiana ssp. *saxifragarum*: rust, rouille: on 12a BC [1560].

P. fischeri (C:261): rust, rouille: on 18 Frank [1543, 1544, 1560, 1586], Keew [1560].

P. heucherae (C:261): rust, rouille: on 17 BC [1012]; on 17, *S.* sp. BC [1816].

P. heucherae var. *cordillerana*: rust, rouille: on 12 BC [1560]; on 12a Yukon, BC, Alta [1560], BC [1012]. Host (12) determined as intermediate between ssp. *hultenii* and ssp. *lyallii*.

P. heucherae var. *diffusistriata*: rust, rouille: on 23 BC [1560].

P. heucherae var. *heucherae* (C:261): rust, rouille: on 12 BC [1816]; on 12a, 14b BC [1560]. Host (12a) determined as *S. lyallii* ssp. *hultenii* x *S. odontoloma*.

P. pazschkei (C:261): rust, rouille: III on 5, 7 Ont [1236]; on 24 NWT [1341].

P. pazschkei var. *ferrugineae*: rust, rouille: on 8 BC [1560].

P. pazschkei var. *heterisiae* (C:261): rust, rouille: on 13 BC [1560].

P. pazschkei var. *jueliana* (C:261): rust, rouille: on 1 Frank, Keew [1560].

P. pazschkei var. *oppositifoliae* (C:261): rust, rouille: on 18 Que [1560].

P. pazschkei var. *pazschkei*: rust, rouille: on 5, 7 Ont [1560]. Plants were from a greenhouse.

P. pazschkei var. *tricuspidatae* (C:261): rust, rouille: on 3, 24 BC [1560]; on 10 Frank [1543]; on 24 Yukon, Mack, Frank, Keew [1560], Frank [1244, 1586].

P. saxifragae: rust, rouille: on 6 Frank, Mack, on 15 Frank, on 20 Labr [1560]. The specimens were intermediate between var. *curtipes* and var. *longior*.

P. saxifragae var. *curtipes*: rust, rouille: on 10 Frank, Keew, on 12b Alta, on 15 Mack, Frank, Keew, on 15, 16, 16a BC, on 15a Frank, BC, Alta, on 16, 16a BC, on 19, 20, 21 Yukon, on 20 BC, Que, on 25 Ont, Que [1560]. Host 16 was determined as intermediate between ssp. *occidentalis* and ssp. *rufidula*.

P. saxifragae var. *longior*: rust, rouille: on 6 Mack, Frank, Keew, BC, Que, on 20 Frank, BC, Alta, Labr [1560].

P. saxifragae var. *saxifragae (P. heucherae* var. *s.)* (C:261): rust, rouille: on 6, 15a Frank [1586]; on 10 Frank [1543]; on 15 Frank [1239, 1544]; on 15a Frank, BC [1544]; on 20, 25 Que [1236].

Pyrenopeziza svalbardensis (Pseudopeziza s.) (C:261): on 11a Frank [664, 1586].

Sphaerotheca fuliginea: powdery mildew, blanc: on 24 Man, on 25 Ont [1257].

Synchytrium rubrocinctum (C:261): on 1 Keew, on 6, 9a, 18 Frank [1586].

Wentiomyces fimbriatus (Venturia f.) (C:261): on 4 NWT, BC [73].

SCHIZACHYRIUM (Nees) Trin. GRAMINEAE

1. *S. scoparium* (Michx.) Nash (*Andropogon s.* Michx.), broom-beardgrass, schizachyrium à balais; native, se. BC-NS.

Puccinia andropogonis (C:33): rust, rouille: II III on 1 Ont [1236].

P. ellisiana (C:33): rust, rouille: II III on 1 Ont [1236].

SCIRPUS L. CYPERACEAE

1. *S. americanus* Pers., three-square, scirpe d'Amérique; native, BC-Nfld.
2. *S. atrocinctus* Fern., black-girded wool-grass, scirpe à ceinture noir; native, BC-Nfld.
3. *S. atrovirens* Willd., blackish bulrush, scirpe noirâtre; native, Alta-Nfld.
4. *S. caespitosus* L., tufted club-rush, scirpe gazonnaute; native, Mack-Labr, BC-Nfld.
5. *S. cyperinus* (L.) Kunth, common wool grass, scirpe souchet; native, Man-Nfld.
6. *S. fluviatilis* (Torr.) Gray, river bulrush, scirpe des rivières; native, Alta-NB.
7. *S. lacustris* L.; native, Yukon-Keew, BC-Nfld. 7a. *S. l.* ssp. *glaucus* (Sm.) Hartm. (*S. acutus* Muhl.); native, Yukon-Keew, BC-Nfld. 7b. *S. l.* ssp. *validus* (Vahl) Koyama (*S. validus* Vahl); native, BC, NB-PEI.
8. *S. maritimus* var. *m.* L., saline marshes and shores; natzd., BC-NS, PEI. 8a. *S. m.* var. *paludosus* (Nels.) Kukk.; native, Mack, BC-NS.
9. *S. microcarpus* Presl (*S. rubrotinctus* Fern.), red-tinged bulrush, scirpe à noeuds rouges; native, BC-Nfld, Labr.
10. *S. pedicillatus* Fern., pedicillate wool grass, scirpe pédicelle; native, Ont-NS.

Arthrinium sporophleum: on 4 BC [1012].

Melanotus caricicola: on 9 Que [1437].

Puccinia angustata (C:262): rust, rouille: II III on 2 NB, Nfld, on 2, 3, 5 Ont, on 2, 5, 9, 10 Que, on 5 NS, on 9 Alta [1559]; on 2, 3, 5, 9, 10, *S.* sp. Ont [1236].

P. eriophori-alpini: rust, rouille: on 4 BC [1559].

P. mcclatchieana (C:262): rust, rouille: on 3, 9 Ont [1559]; on 9 BC [1012, 1816], BC, Alta, Sask, Que, NS [1559].

P. obtecta (C:262): rust, rouille: II III on 1, 5, 7a, 7b, *S.* sp. Ont [1236]; on 7a, 7b Ont, on 7b Sask [1559].

P. osoyoosensis: rust, rouille: II on 1 BC, Alta [1559].

Uromyces americanus (C:262): rust, rouille: II III on 7b Ont [1236], Ont, NS [1559].

U. lineolatus (C:262): rust, rouille: II III on 6 Ont [1236].

U. lineolatus ssp. *nearcticus*: rust, rouille: on 6 Ont, Que, on 8 PEI, on 8a BC Sask, Que [1559].

SCUTELLARIA L. LABIATAE

1. *S. galericuta* L. (*S. epilobiifolia* Hamilton), common skullcap, toque; native, Yukon, BC-Nfld.
2. *S. lateriflora* L., mad-dog skullcap, scutellaire latériflore; native, BC-Nfld.
3. *S. parvula* Michx., small skullcap, scutellaire petite; native, Ont-Que.

Erysiphe cichoracearum (C:262): powdery mildew, blanc: on 1, 2, 3 Ont, Que [1257].

E. communis (E. polygoni) (C:262): powdery mildew, blanc: on 2 Ont [1257].

SECALE L. GRAMINEAE

1. *S. cereale* L., rye, seigle; a cultigen.
2. *S. montanum* Guss.; introduced from sw. Asia and escaped from cultivation.

Acremonium boreale: on 1 BC, Alta, Sask [1707].

Alternaria sp.: on 1 Maritimes [272].

Bipolaris sorokiniana (holomorph *Cochliobolus sativus*) (C:262): common root rot, piétin commun: on 1 Sask [333, 334], Ont [338]; on 2 Alta [120] by inoculation.

Cladosporium sp.: on 1 Maritimes [272].

Claviceps sp.: on 1 Sask [1781].

C. purpurea (C:262): ergot, ergot: on 1 BC [1816], Alta [707, 708], Alta, Sask

[333, 336, 338], Sask [339, 1726], Sask, Man, Ont, NB [335], Sask, Ont, Que [1594], Man [1364], Que [337], Que, NS, PEI [334], NB [1196], NB, NS, PEI [854], NB, PEI [333], Nfld [338, 339], Maritimes [272]; on flowers of *S*. sp. Que [1385].

Cochliobolus sativus (anamorph *Bipolaris sorokiniana*): on 1 NB, NS, PEI [854].

Colletotrichum dematium: on 1 Alta [1595].

C. graminicola (C:263): anthracnose, anthracnose: on 1 Alta [693].

Drechslera tritici-repentis (holomorph *Pyrenophora t.*). (C:263): leaf blotch, tache des feuilles: on 1 Alta, Ont [1611].

Erysiphe graminis (C:263): powdery mildew, blanc: on 1 BC [334, 1816], BC, Alta, Sask [1594], BC, Sask, Man, Ont, NS [1257], BC, Man [335], BC, NB, NS [333], Alta [1333], NB [1196], NS [1255].

Fusarium sp. (C:263): on 1 Alta [703], Sask [334], Ont [338], NS, PEI [854].

Myriosclerotinia borealis: on 1 Sask [892].

Polymyxa graminis: on 1 Ont [60].

Puccinia graminis (C:263): stem rust, rouille de la tige: II III on 1 BC [335, 1816], BC, Alta, Que [339, 621], BC, Man, Ont, Que [619, 623, 626, 627, 629, 630, 634, 636], BC, Ont [336, 622, 628, 633, 567], Alta [619, 626, 636], Alta, Sask [338], Sask [336, 630], Man [628, 633], Man, Ont, Que [635], Ont [337, 1236], Que, NS [622], NB, NS [626, 652], NB, PEI [333], NS [619, 623, 627, 628, 634, 635], PEI [334, 627].

P. graminis ssp. *graminis* var. *stakmanii (P. graminis* f. sp. *secalis)* (C:263): stem rust, rouille de la tige: on 1 BC, Alta, Ont, Que [640], BC, Man, Ont, Que [639, 620, 625, 631, 1533], BC, Ont [615], Alta, Sask [620], Sask [631], Ont [641], NB [639, 1196], NS [1533], NS, PEI [639, 640].

P. recondita (P. secalina) (C:263): leaf rust, rouille des feuilles: II III on 1 BC [1012, 1816], BC, Alta, Man, Ont, Que [639, 1533], BC, Alta, Ont [1594], BC, Ont, Que [640], BC, PEI [334], BC, Nfld [333, 335], Alta [1331, 1334], Sask [339], Ont [1236], NB [1196], NB, NS, PEI [333, 639, 640], NS [1533], Nfld [336, 337, 639]. The name *P. recondita* has been used for what is now known to be a species complex. The fungus on *Secale* is *P. recondita* in the strict sense. Taxa segregated from the complex include *P. impatienti-elymi* and *P. triticina*.

Pythium sp. (C:263): browning root rot, piétin brun: on 1 Alta [703, 1595].

Rhizopus sp.: on 1 Alta [703].

Rhynchosporium secalis (C:263): scald, tache pâle: on 1 BC [1816], Alta [338, 1331, 1333], NB [333, 1196], Nfld [335, 336].

Septoria secalis (C:263): speckled leaf spot, tache septorienne: on 1 Alta [339], Sask [338].

Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:263): on seeds of 1 Ont [667].

Urocystis occulata (C:263): stem smut, charbon de la tige: on 1 Alta [338]. Found in 34% of the fields surveyed in s. Alta in 1978 whereas it had been rare before 1971. Shifting to more resistant varieties and treating seed with a fungicide should keep losses to acceptable levels. Stem smut caused losses of nearly $1.25 million in s. Alta from 1977-1981 [377].

SEDUM L. CRASSULACEAE

1. *S. spathulifolium* Hook.; native, BC.

Puccinia umbilici (C:264): rust, rouille: on 1 BC [1012, 1816].

SEMPERVIVUM L. CRASSULACEAE

1. *S. tectorum* L., hens-and-chickens, joubarbe des toits; imported from Europe.

Endophyllum sempervivi (C:264): rust, rouille: 0 I III on 1 BC [1816]; on 1, *S*. sp. Ont [1236].

SENECIO L. COMPOSITAE

1. *S. aureus* L., golden ragwort, senéçou dorée; native, Man-Nfld.
2. *S. cruentus* DC., common cineraria, cinéraire hybride; imported from Canary Islands.
3. *S. triangularis* Hook.; native, Yukon-Mack, BC-Alta.
4. *S. vulgaris* L., common groundsel, grand mouron; imported from Eurasia, natzd., Yukon-Mack, BC-Nfld.

Erysiphe communis (E. polygoni): powdery mildew, blanc: on 1 Ont [1257].

Oidium sp.: powdery mildew, blanc: on 2 BC [1816].

Puccinia angustata (C:264): rust, rouille: 0 I on 1 Ont [1236]; on 3 BC [1012, 1816].

P. eriophori: rust, rouille: on 3 BC [1559].

P. recedens (C:264): rust, rouille: III on 1 BC [1012, 1816], Ont [1236]; on *S*. sp. NWT, Que [720].

P. senecionis: rust, rouille: on *S*. sp. Alta [720].

Ramularia senecionis (C:264): on 3 Alta [950].

Rhizophydium graminis: on 4 Ont [59].

Sclerotinia sclerotiorum: on 4 Sask [1140].

Verticillium dahliae: on 4 BC [1816, 1978].

SEQUOIADENDRON Buchholz TAXODIACEAE

1. *S. giganteum* (Lindl.) Buchh., giant redwood, séquoia géant; native to California. Planted in Canada in mild climatic zones as ornamental trees.

Botrytis sp.: on 1 BC [1012].

SETARIA Beauv.

GRAMINEAE

1. *S. glauca* (L.) Beauv. (*S. lutescens* (Weigel) Stuntz), pigeon-grass, foin sauvage; imported from Eurasia, natzd., BC-PEI.
2. *S. italica* (L.) Beauv., german millet, millet des oiseaux; imported from Eurasia, natzd., BC, Ont-Que, NS.
3. *S. viridis* (L.) Beauv., bottle-grass, mil sauvage; imported from Eurasia, natzd., BC-Nfld.

Bipolaris sorokiniana (Helminthosporium sativum) (holomorph *Cochliobolus sativus*) (C:264): on 3 Sask [961].
Olpidium brassicae: on 1 Ont [67].
Sclerophthora macrospora: downy mildew, mildiou: on *S*. sp. Man [338].
Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:265): on seeds of 2 Ont [667].
Ustilago neglecta (C:265): smut, charbon: on 1 BC [333, 1816]; on 3 BC [336]; on *S*. sp. BC [334].

SHEPHERDIA Nutt.

ELAEAGNACEAE

1. *S. argentea* (Pursh) Nutt., buffalo berry, graines de boeuf; native, Alta-Man.
2. *S. canadensis* (L.) Nutt., soapberry, sheperdie du Canada; native, Yukon-Mack, BC-Nfld.

Oidium sp.: powdery mildew, blanc: on 2 NWT-Alta [1063].
Poria fraxinophila (Fomes f.): on 1 NWT-Alta [1063], Alta [F65].
Puccinia caricis-shepherdiae (C:265): rust, rouille des carex: on 1, 2 BC [1816]; on 2 NWT-Alta [1063], Mack [53], BC [953, 1012], Alta [951, 1402], Ont [1236, 1828].
P. coronata (C:265): crown rust, rouille couronnée des graminées: on 2 Yukon [7, 460], BC [1012, 1816], Alta [644], Sask [1839].
P. coronata var. *bromi*: rust, rouille: I on 2 Sask [1839].
Septoria shepherdiae (C:265): leaf spot, tache septorienne: on 2 BC [1012, 1816].
Valsa sp.: on 2 Alta [644].
V. ambiens (anamorph *Cytospora a.*): on 2 Ont [644].

SIBBALDIA L.

ROSACEAE

1. *S. procumbens* L.; native, Yukon-Labr, BC, Que, Nfld.

Diplocarpon sp.: on 1 Alta [644]. The anamorph was stated to be *Marssonina* sp.

SIDALCEA Gray

MALVACEAE

1. *S. hendersonii* S. Wats., alkali-mallow; native, BC.

Ramularia sidalceae (C:265): on 1 BC [1816].

SILENE L.

CARYOPHYLLACEAE

1. *S. acaulis* (L.) Jacq., moss-campion, silène acaule; native, Yukon-Labr, BC-Alta, Que, NS, Nfld. 1a. *S. a.* var. *exscapa* (All.) DC.; native, Yukon-Labr, Que, Nfld.
2. *S. alba* (Mill.) E.H.L. Krause (*Lychnis a.* Mill.), white campion, compagnon blanc; imported from Eurasia.
3. *S. armeria* L., none-so-pretty, silène arméria; imported from Europe, a garden escape, BC, Ont-NS, Nfld.
4. *S. douglasii* Hook.; native, BC. 4a. *S. d.* var. *douglasii*.
5. *S. menziesii* Hook.; native, Yukon-Mack, BC-Man.
6. *S. noctiflora* L., night-flowering catchfly, fleurde nuit; from Europe; occurs as weed, BC-NS, PEI, Nfld.
7. *S. sorensensis* (Boivin) Bocquet (*Lychnis triflora* R. Br.); native, Yukon-Frank, BC.
8. *S. uralensis* (Rupr.) Bocquet. 8a. *S. u.* ssp. *apetala* (L.) Bocquet (*Lychnis a.* L., including *L. a.* var. *arctica* (Fries) Cody); native, Yukon-Labr, BC-Alta, Man-Que.

Acremonium boreale: on 6 BC, Alta, Sask [1707].
Diplocarpon agrostemmatis: on 1a Keew [664].
Mycosphaerella densa: on 8a Frank [1586].
Nectria pedicularis (C:265): on 1 Que [70].
Phyllosticta lychnidis: on 2 BC [1816].
Septoria sp. (C:266): on 3 BC [1816].
S. silenes (C:266): on 5 BC [1012, 1816].
Uromyces inaequialtus: rust, rouille: on 4a BC [1578].
Ustilago violacea (C:266): smut, charbon: on 1a, 8a Frank [1239].
U. violacea var. *violacea*: smut, charbon: on 1a Frank [1244]; on 1a, 7, 8a Frank [1586]; on 8a Frank [1543].
Wentiomyces fimbriatus (Venturia f.) (C:266): on 1 Que [70, 73].

SILPHIUM L.

COMPOSITAE

1. *S. perfoliatum* L., cup plant; native, s. Ont.

Puccinia silphii (C:266): rust, rouille: III on 1 Ont [1236, 1241, 1260].
Uromyces silphii: rust, rouille: 0 I on *S*. sp. Ont [1236].

SINNINGIA Nees

GESNERIACEAE

1. *S. speciosa* (Lodd.) Hiern., gloxinia, gloxinie; imported from Brazil.

Phytophthora nicotianae var. *n.*: on 1 Ont [205].

SISYMBRIUM L. CRUCIFERAE

1. *S. altissimum* L., tumble mustard, herbe roulante; imported from Eurasia, introduced, Yukon-Mack, BC-Nfld.
2. *S. loesellii* L., tall hedge mustard, sisymbre élevé; imported from Eurasia, introduced, BC-Que.
3. *S. officinale* (L.) Scop., hedge mustard, herbe au chantre; introduced, BC-Alta, Man-Nfld.

Albugo candida (A. cruciferarum) (C:266): on 1 BC [1012], Sask [1321, 1594]; on 1, 3 BC [1816].
Alternaria brassicae: on 1, 2 Sask [1323].
Leptosphaeria maculans (anamorph *Plenodomus lingam*): on seeds of 1 Sask [1325].
Mycosphaerella tassiana var. *tassiana*: on 2 Sask [1327].
Selenophoma sp.: on 1, 2 Sask [1323].
Verticillium dahliae: on 1 BC [38, 1816, 1978].

SISYRINCHIUM L. IRIDACEAE

1. *S. douglasii* Dietr.; native, s. Vancouver Island, BC.
2. *S. montanum* Greene, blue-eyed grass, bermudienne montagnarde; native, s. Yukon-Labr, s. into USA.

Mycosphaerella tassiana var. *arctica* (C:266): on 2 Que [70].
Uromyces probus: rust, rouille: on 1 BC [1012, 1816].

SIUM L. UMBELLIFERAE

1. *S. suave* Walt. (*S. cicutaefolium* Schrank), water parsnip, berle; native, Mack, BC-Nfld.

Uromyces americanus: rust, rouille: on 1 Ont, Que [1559].
U. lineolatus (C:266): rust, rouille: 0 I on 1 Ont [1403].

SKIMMIA Thunb. RUTACEAE

1. *S. japonica* Thunb., Japanese skimmia, skimmie du Japon; imported from Japan. An evergreen shrub.

Nectria sp.: on 1 BC [1595].

SMELOWSKIA C.A. Mey. CRUCIFERAE

1. *S. borealis* (Greene) Drury & Rollins; native, Yukon-Mack. 1a. *S. b.* var. *b.*; native, Yukon.
2. *S. calycina* (Steph.) Mey.; native, Mack, BC-Alta. 2a. *S. c.* var. *americana* (Regel & Harder) Drury & Rollins; native, BC-Alta.

Puccinia aberrans: rust, rouille: III on 2 Alta [644]; on 2a BC, Alta [1563].
P. codyi: rust, rouille: on 1a Mack [1567].
P. monoica: rust, rouille: 0 I on 2 Alta [644].

SMILACINA Desf. LILIACEAE

1. *S. racemosa* (L.) Desf., false Solomon's seal, faux sceau-de-Salomon; native, BC-PEI.
2. *S. stellata* (L.) Desf., star-flowered false Solomon's seal, smilacine étoilée; native, Yukon-Mack, BC-Nfld, Labr.

Cylindrosporium smilacinae (C:266): on 1 BC [1816], BC, Que [1545].
Phyllosticta convallariae (C:266): on 1 Ont [1340]. Probably a specimen of *P. pallidior*.
P. pallidior: on 1 Ont, Que [149]; on 2 Man, Ont [149].
Puccinia sessilis (C:267): rust, rouille: 0 I on 2 Ont [1236].
P. sporoboli (C:267): rust, rouille: 0 I on 2 Ont [1236].
Ramularia smilacinae (C:267): on 1 BC [1545, 1816].

SMILAX L. LILIACEAE

1. *S. herbacea* L., carrion-flower, raisin de couleuvre; native, Sask-NB. 1a. *S. h.* var. *h.* (*S. peduncularis* Muhl.); native, Sask-NB. 1b. *S. h.* var. *lasioneura* (Hook.) DC.; native, Sask-Ont.
2. *S. rotundifolia* L. (*S. aspera* DC.), common greenbrier; native, s. Ont.
3. *S. tamnoides* L. var. *hispida* (Muhl.) Fern. (*S. hispida* Muhl.), china-root; native, s. Ont.

Ascochyta fuscopapillata: on 1 Ont [195].
A. londonensis: on 1 Ont [195].
A. smilacigena (Macrophoma pellucida, Stagonospora p., S. smilacigena): on 1 Ont [195].
Didymella pellucida (Sphaerella p.): on 1 Ont [195].
Macrophoma smilacina var. *smilacina (M. smilacis)*: on 1 Ont [195], Ont, Que, NB [148].
M. smilacina var. *smilacis*: on 1 Man, Ont, NB [148]; on 1a Ont [148]; on 1b Sask, Man [148].
Metasphaeria dearnessii (C:267): on 2 Ont [195].
Phaeoseptoria canadensis: on 1 Ont [195].
Phyllosticta hispidae (C:267): on leaves of 3 Ont [440].
P. londonensis: on 1 Ont [195]. Probably a *Phoma* sp.
P. pellucida: on 1 Ont [195]. Possibly *Phoma* sp.
P. smilacigena: on 1 Ont [195]. A species of *Phoma*.
Pleosphaerulina canadensis: on 1 Ont [195].
Septoria pellucida: on 1 Ont [195].

SOLANUM L. SOLANACEAE

1. *S. dulcamara* L., climbing nightshade, morelle douce-amère; imported from Eurasia, introduced BC-Alta, Man-PEI.
2. *S. melongena* L.; imported from Africa and Asia. 2a. *S. m.* var. *esculentum* Nees, eggplant, aubergine.
3. *S. nigrum* L., black nightshade, tue-chien; imported from Eurasia, introduced BC-Nfld.
4. *S. sarachoides* Sendtner; imported from South America, introduced, BC-Alta, Man, Que.
5. *S. tuberosum* L., potato, pomme de terre; imported from South America.

Alternaria solani (C:267): early blight, brûlure alternarienne: on 5 BC [1595, 1816], BC, Alta, Sask, Ont, Que, NB, NS [333, 334, 335, 336, 337, 338], BC, Alta, Que, NB [339, 1594], Sask [1594], Man [333, 335, 336, 337, 338], Que [348, 1641, 1647, 1651, 1652, 1654], NS [339], PEI, Nfld [333, 336, 338], Nfld [334, 335].

Aplosporella dulcamara: on 1 Ont [1340].

Armillaria mellea (C:267): root rot, pourridié-agaric: on 5 BC [1816]. See *Abies*.

Botryotinia fuckeliana (anamorph *Botrytis cinerea*): on *S.* sp. Ont [666a].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:267): gray mold, moisissure grise: on 5 BC [1816], Ont [334], Que [348], Que, NB, PEI [333], Que [336, 337, 338].

Cephalosporium sp.: on 5 Man [758, 1595].

C. acremonium: on 5 Que [552]. See comment under *Avena*.

Colletotrichum sp.: on 5 [334], from two carloads of potatoes three days after arrival in Ont from NB.

C. coccodes (C:267): black dot or anthracnose, dartrose: on 5 Alta, Que [338, 1594], Sask [446], Sask, Que [335, 894], Man [758, 1595], Ont, Que, NS [334], Que [336, 337, 723, 1537, 1538, 1539], Que, NS, PEI [333], NS [338, 339].

C. gloeosporioides (holomorph *Glomerella cingulata*): on 2a Que [339].

Cylindrocarpon sp.: on 5 Man [758, 1595].

Doratomyces stemonitis (*Stysanus tubericola*): on pieces of 5 in a moist chamber Ont [440].

Fusarium sp. (C:269): on 5 BC [213, 1817, 1818], BC, Alta [338], BC, Alta, Sask [333, 334, 336, 337, 339], Alta, Sask, Ont, Que [335, 1594], Man [333, 334, 335, 338], Man, Que [339], Ont [1460], Ont, Que [333, 334, 337, 338], Ont, Que, NB, NS [336], NB, NS, PEI [333, 334, 335], NS, PEI [337, 338, 339], Nfld [334, 337]. In the case of [334] see under *Colletotrichum* sp.

F. avenaceum (C:269): on 5 Que [552].

F. coeruleum (C:269): on 5 BC [334, 1816], Que [1595], NS [336, 339].

F. oxysporum (C:270): on 5 Que [552, 723], Nfld [684].

F. oxysporum var. *redolens* (*F. redolens*): (C:270): on 5 BC [1816].

F. oxysporum f. sp. *tuberosi* (C:270): on 5 BC [1816], Que [348], PEI [333].

F. sambucinum (C:269): on 5 PEI [41].

F. solani (holomorph *Nectria haematococca*) (C:270): on 5 BC [1816].

F. solani var. *eumartii* (C:270): stem-end rot, nécrose fusarienne du talon: on 5 BC [1594].

F. sulphureum (*F. sambucinum* f. 6 Wr.) (holomorph *Gibberella cyanogena*) (C:269): on 5 BC [1816], Sask [334], NS [339], PEI [334, 336].

Helicobasidium purpureum (anamorph *Rhizoctonia crocorum*): on 5 PEI [339].

Helminthosporium solani (*H. atrovirens*) (C:270): silver scurf, tache argentée: on 5 BC [1816], Ont, Que [333, 334, 335, 336, 337], Que [339, 1537, 1538, 1539, 1540, 1541, 1594], NS [333], Nfld [336].

Oidium sp.: powdery mildew, blanc: on 3, 4 BC [1816].

Ophiobolus erythrosporus: on 5 Ont [1620].

O. rubellus: on 1 Ont [1620].

Phacidiopycnis tuberivora (*Phomopsis t.*) (C:270): stem-end hard rot, pourriture ferme du talon: on 5 BC [1594, 1816].

Phoma sp. (C:270): on 5 NB [334, 336].

P. exigua (*P. tuberosa*) (C:270): on 5 BC [1816].

P. lycopersici (*Ascochyta l.*) (holomorph *Didymella l.*) (C:267): leaf spot, ascochytose: on 5 BC [1816]. Recent studies [1763] indicate that the species occurs only on *Lycopersicon*. *Phoma exigua* is very similar.

Phomopsis vexans (C:270): phomopsis blight, brûlure phomopsienne: on 2a Ont [337].

Phytophthora erythroseptica (C:270): pink rot, pourriture rose: on 5 BC [339, 1594, 1816, 1818], Que [333], Que, NS [335].

P. infestans (C:271): late blight, mildiou: on 3, 5 BC [1816]; on 5 BC [46, 1818], BC, Ont, Que, NB, NS, Nfld [333, 334, 335, 336, 338], BC, Ont, Que, NS [337, 339], Alta, Nfld [339], Man, NB [337], Que [348, 551, 1299, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1650, 1651, 1652, 1653, 1654], Que, NB, NS, PEI, Nfld [1594], Que, NS [1024], PEI [179, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 333, 334, 1595].

Pythium sp. (C:272): on 2a Ont [868] by inoculation.

P. irregulare: on 2a Ont [868] by inoculation.

P. sulcatum: on 2a Ont [868] by inoculation.

P. sylvaticum: on 2a Ont [868] by inoculation.

P. torulosum: on 2a Ont [868] by inoculation.

P. ultimum (C:272): leak or seed-piece decay, pourriture aqueuse ou pourriture pythienne du planton: on 5 BC [334, 1816], BC, Alta, Que [336, 337], BC, Sask [335], BC, Sask, Que [333, 1594], Ont [335], Que [339], Que, PEI [334, 338], NS [336], NS, PEI [333, 339], Nfld [337].

Rhizoctonia crocorum (holomorph *Helicobasidium purpureum*) (C:272): violet root rot, rhizoctone violet: on 5 BC [1816].

R. solani (holomorph *Thanatephorus cucumeris*): on 5 BC [1984], BC, Sask, Man, Que, PEI [1595], Sask [243], Man [758], Ont [1458], Que [48, 49, 348, 552, 723, 1641, 1652, 1654, 1594, 1785].

Sclerotinia minor: on 5 BC [1816], Que [892].

S. sclerotiorum (C:272): sclerotinia stalk rot, pourriture sclerotique: on 5 BC [1816], Ont [334], Que [333], Nfld [334, 335].

Spongospora subterranea (C:272): powdery scab, gale poudreuse: on 5 BC [1816], Que [337, 339, 1594], Que, NS [333, 334, 338], Que, Nfld [335, 336], Nfld [333].

Stilbella flavescens: on 5 Que [2].

Streptomyces scabies (C:272): common scab, gale commun: on 5 BC [1816, 1817, 1818], BC, Alta, Sask [333, 334, 335, 336, 339, 1594], BC, Alta, PEI [338], Alta, Sask [337], Man, Ont, Que [333, 334], Ont [200, 1460], Ont, Que [336, 337, 1594], Que [339], NB, NS [333, 334, 335, 338, 339], NB, Nfld [1594], NS, Nfld [336, 337], PEI [336, 1595], PEI, Nfld [334, 339], Nfld [333, 335].

Synchytrium endobioticum (C:273): wart, tumeur verruqueuse: on 5 Nfld [333, 334, 336, 337, 338, 339, 682, 683, 1193, 1594], Nfld, Labr [335, 1192].

Thanatephorus cucumeris (Pellicularia filamentosa) (anamorph *Rhizoctonia solani*) (C:270): rhizoctonia, rhizoctonie: on 5 Mack [334], BC [1816], BC, Alta [338], BC, Alta, Sask [333, 334, 335, 336, 337, 339, 1594], Man [333, 335, 338], Ont, Que [336, 339, 1594], Ont, Que, NB, NS [333, 334, 335, 337, 338], Que [1651, 1653], NS [336, 339], PEI, Nfld [337, 339], Nfld [333, 334, 335, 336, 338].

Ulocladium consortiale (Stemphylium c.): on 5 BC [1816].

Verticillium sp. (C:273): verticillium wilt, flétrissure verticillienne: on 2 Ont [96]; on 2a Ont [1080], Que [1594]; on 2a, 5 Ont [97]; on 5 BC, Alta, Sask, Ont, Que, NS [337], BC, Sask, Que, NS, PEI [339], Sask [1594], Man [1295], Ont [203].

V. albo-atrum (C:273): verticillium wilt, flétrissure verticillienne: on 2 Man, Ont [38], Ont [1081]; on 2, 2a, 5 Ont [333]; on 2a Ont [98]; on 2a, 5 Que [336]; on 5 BC [1816], BC, Alta, Sask [333, 334, 336], BC, Alta [338], Alta, Sask [335], Sask [446], Man [333, 758, 1595], Man, Ont [334, 335, 338, 339], Ont [201, 336, 337, 676, 1024, 1079, 1087], Que [392, 393, 1594, 1639, 1647, 1652, 1654, 1784], Que, NB, PEI [38, 333, 334, 335], Que, NS, PEI [338], NB, NS [336], NS [333, 335], NS, Nfld [334], PEI [98, 1480].

V. dahliae (C:273): verticillium wilt, flétrissure verticillienne: on 1, 2, 5 BC [38]; on 2 BC [333], Ont [38, 1083, 1154]; on 2, 3, 4, 5 BC [1816, 1978]; on 2, 5 Ont [676, 1087], Que [38, 393]; on 2a BC [336, 339], BC, NS [337], Ont [334, 335, 338, 1082, 1421]; on 2a, 5 Ont [337, 339, 1594], Que [392]; on 5 Ont [1461], Que [676, 1832].

V. nigrescens: on 5 Ont [201, 337, 676, 749, 1082, 1087].

V. tenerum (V. lateritium) (holomorph *Nectria inventa*): on 2, 5 Que [39] by inoculation.

V. tricorpus: on 5 Man [1295].

Volutella sp.: on 5 Man [758, 1595].

SOLIDAGO L. COMPOSITAE

1. *S. bicolor* L., silverrod, verge d'or bicolore; native, Man-NS.
2. *S. caesia* L., blue-stemmed goldenrod, verge d'or bleuâtre; native, Ont-NB.
3. *S. canadensis* L., Canada goldenrod, verge d'or du Canada; native, Yukon-Mack, BC-Nfld, Labr. 3a. *S. c.* var. *c.* (*S. lepida* sensu Fern.); native, transcontinental. 3b. *S. c.* var. *gilvocanescens* Rydb. (*S. dumetorum* Lunnell); native, transcontinental. 3c. *S. c.* var. *salebrosa* (Piper) Jones (*S. lepida* var. *elongata* (Nutt.) Fern., and var. *fallax* Fern.); native, transcontinental. 3d. *S. c.* var. *scabra* (Muhl.) Torr. & Gray (*S. altissima* L.); native, Ont-NS. 3e. *S. c.* var. *neomexicana* (Gray) Cronq.; native, Yukon, BC-Man.
4. *S. flexicaulis* L., zigzag goldenrod, verge d'or à tige flexible; native, Ont-PEI.
5. *S. gigantea* Ait., giant goldenrod, verge d'or géante; native, Mack, BC-PEI.
6. *S. glomerata* Michx.; imported from e. USA.
7. *S. graminifolia* (L.) Salisb. (*S. lanceolata* L.), grassleaf goldenrod, verge d'or à feuilles de graminées; native, Mack BC-Nfld.
8. *S. hispida* Muhl., hairy goldenrod, verge d'or hispide; native, Sask-Nfld.
9. *S. juncea* Ait., early goldenrod, verge d'or jonciforme; native, Man-PEI.
10. *S. macrophylla* Pursh, largeleaf goldenrod, verge d'or à grandes feuilles; native, Ont-Nfld, Labr.
11. *S. missouriensis* Nutt., Missouri goldenrod, verge d'or de Missouri; native, BC-Ont.
12. *S. mollis* Bartl.; native, Alta-Man.
13. *S. multiradiata* Ait.; native, Yukon-Labr, BC, Sask-NS, Nfld.
14. *S. nemoralis* Ait., gray goldenrod, verge d'or des bois; native, BC-PEI.
15. *S. patula* Muhl.; native, s. Ont.
16. *S. riddellii* Frank; native, Man-Ont.

17. *S. rigida* L., rigid goldenrod, verge d'or rigide; native, Alta-Ont.
18. *S. rugosa* Ait., rough goldenrod, verge d'or rugueuse; native, Ont-Nfld.
19. *S. sempervirens* L., seaside goldenrod, verge d'or tonjours verte; native, Que-Nfld.
20. *S. shortii* Torr. & Gray; imported from Kentucky.
21. *S. spathulata* DC.; native, Yukon-Mack, BC-NS. 21a. *S. s.* ssp. *randii* (Porter) Cronq. var *racemosa* (Greene) Gleason (*S. racemosa* Greene); native, Ont-NB. 21b. *S. s.* ssp. *s.* var. *nana* (Gray) Cronq. (*S. decumbens* Greene); native, Yukon, BC-Alta.
22. *S. speciosa* Nutt.; native, s. Ont.
23. *S. squarrosa* Muhl., bracted goldenrod, verge d'or squarieuse; native, Ont-NB.
24. *S. uliginosa* Nutt., bog goldenrod, verge d'or des marais; native, Ont-Nfld, Labr.
25. Host species not named, i.e., reported as *Solidago* sp.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*): on 25 Sask [1760].
Cercospora sp.: on 25 BC [1816].
C. stomatica: on 25 Man [380].
C. tertia: on 3b Man [380].
Cercosporella dearnessii: on 3 Ont [195].
C. virgaureae: on 3, 7, 8 Ont [1352]; on 3, 7 Ont [380]; on 3b, 8 Man [380]; on 17 Sask [1352].
Coleosporium sp.: on 3c BC [1012].
C. asterum (C. solidaginis) (C:278): rust, rouille: II III on 2, 3, 3b, 3c, 3d, 4, 5, 6, 8, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21a, 22, 23, 24, 25 Ont [1236]; on 3 BC [2007]; on 3, 4, 8, 25 Ont [1828]; on 3, 7, 25 Ont [1341]; on 3a BC [1816]; on 3a, 13, 21 BC [1012]; on 3e Yukon [460]; on 13 Yukon [460] as DAOM 25896; on 18 NS [1036]; on 21b Mack [53, 1402]; on 21b, 25 Alta [53]; on 25 Mack [F65], NWT-Alta [1063], BC [953], Alta [951, 952, F61], Sask, Man, Ont [F67], Sask, NB, NS [F63], Que [282, 1377], NB [F64], NB, NS [1032], Nfld [1659, 1660, 1661].
C. delicatulum (C:278): rust, rouille: II III on 7 Ont [1236], Que [F61]; on 25 Que [F67].
C. tussilaginis s. l.: rust, rouille: on 10, 18 Que [282]. These collections would today be referred to *C. asterum*.
Diaporthe linearis (C:278): on 25 Ont [1340].
Erysiphe cichoracearum (C:278): powdery mildew, blanc: on 3, 3d Ont [1257].
Hymenoscyphus herbarum (Helotium h.): on 25 Ont [1340].
H. scutulus (Helotium s.): on 25 BC [1012], Ont [1340].
Leptosphaeria ogilviensis (C:278): on 25 Que [70].
L. planiuscula (C:278): on 25 Ont [1340].
Leptothyrium tumidulum: on live leaf petioles of 17 Ont [1502].
Mazzantia biennis: on overwintered leaves of 9 Ont [79].
Mollisia atrata: on 25 Ont [1340].
Mycovellosiella minax: on 3 Ont [381].
Ophiobolus acuminatus: on 25 Ont [1620].
O. anguillidus: on 25 Ont [1340, 1620].
O. erythrosporus: on 25 Ont [1620].
O. fulgidus (C:278): on 25 Man [1620].
O. niesslii: on 25 Ont [1620].
Ovularia occulta: on leaves and stems of 17 Ont [1502].
Pleospora helvetica: on 25 Que [70].
Puccinia dioicae (C:278): rust, rouille: on 1, 18 NS [1036]; on 25 BC [1012], NB, NS [1032].
P. stipae (C:278): rust, rouille: on 3a NWT-Alta [1063], BC [1816].
P. virgae-aureae (C:278): rust, rouille: III on 7 Ont [1236]; on 18 NS [1036].
Pyrenopeziza artemisiae var. *solidaginis* (C:278): on 25 Ont [1340].
P. solidaginis: on 25 Ont [1340].
Rhinotrichum herbicolum: on dead stems of 3 Ont [440].
Rhytisma solidaginis: on 7, 25 Ont [1340]. Not a true *Rhytisma*. Contrary to Conners (p. 278) there is a fungus involved [221]. Possible names for it are *Botryodiplodia gallicola* and *Sclerotium asteris*.
Sclerotinia sp.: on 3c Sask [420], Sask, Man [1138].
Uromyces sommerfeltii (U. solidaginis) (C:279): rust, rouille: on 3a BC [1012, 1816]; on 25 BC [7].

SONCHUS L. COMPOSITAE

1. *S. arvensis* L., field sow-thistle, laiteron des champs; imported from Eurasia, introduced, Mack, BC-Nfld.
2. *S. asper* (L.) Hill, spiny-leaved sow-thistle, chaudronnet; imported from Eurasia, introduced Yukon, BC-NS, PEI, Nfld, Labr.
3. *S. oleraceus* L., common sow-thistle, laiteron potager; imported from Eurasia, introduced, Mack, BC-Nfld.

Alternaria sonchi: on 3 BC [1816].
Bremia lactucae (C:279): downy mildew, mildiou: on 3 BC [1816].
Mycosphaerella tassiana var. *tassiana*: on *S.* sp. Sask [1327].
Sclerotinia sp.: on 1 Sask [420]; on 1, 2 Sask, Man [1138].
S. sclerotiorum (C:279): on 3 Man [750]; on *S.* sp. Sask [1319].
Selenophoma sp.: on 1 Sask [1323].
Sphaerotheca fuliginea: powdery mildew, blanc: on 3 Ont [1257].

SORBOPYRUS Schneid. ROSACEAE

1. *S. auricularia* (Knopp) Schneid. Hybrid from *Pyrus communis* x *Sorbus aria*. Originated before 1620.

Taphrina bullata (C:279): leaf blister, cloque des feuilles: on 1 BC [1816].

SORBUS L. ROSACEAE

1. *S. americana* Marsh. (*Pyrus a.* (Marsh.) DC.), American mountain ash, maskonabina; native, Ont-Nfld, Labr.
2. *S. aria* (L.) Crantz, whitebeam mountain ash, alisier blanc; imported from Europe.
3. *S. aucuparia* L. (*Pyrus a.* (L.) Gaertn.), European mountain ash, sorbier des oiseleurs; imported from Eurasia.
4. *S. decora* (Sarg.) Schneid. (*Pyrus d.* (Sarg.) Hyland), showy mountain ash, sorbier plaisant; native, Sask-Nfld, Labr.
5. *S. occidentalis* (S. Wats.) Greene; native, BC.
6. *S. scopulina* Greene, sorbier des Rocheuses; native, Yukon-Mack, BC-Sask.
7. *S. sitchensis* M.J. Roem., Sitka mountain ash, sorbier de Sitka; native, Yukon, BC-Alta. 7a. *S. s.* var. *grayii* (Wenzig) Hitchc. (*Pyrus occidentalis* Wats.); native, BC. 7b. *S. s.* var. *sitchensis*; native, Yukon, BC-Alta.
8. Other hosts: *S. alnifolia* (Sieb. & Zucc.) K. Koch; imported from e. Asia.
9. Host species not named, i.e., reported as *Sorbus* sp.

Armillaria mellea (C:279): root rot, pourridié-agaric: on 1 Que [1376]; on 3 BC [1816]; on 9 BC [6]. See *Abies*.

Basidioradulum radula (Radulum orbiculare): on 4 Nfld [1659, 1660]. See *Abies*.

Botryosphaeria obtusa (C:279): canker, chancre: on 1 NB [1032], NS [1036]; on 1, 2, 9 Ont [1614].

Cercospora sp.: on 7 BC [1012, 1816].

Cerrena unicolor (Daedalea u.) (C:279): on 1 BC [1012, 1341]. See *Acer*.

Chondrostereum purpureum (Stereum p.): on 1 Ont [1341]. See *Abies*.

Coccomyces coronatus: on 9 Ont [1340].

Coniothyrium fuckelii (holomorph *Leptosphaeria coniothyrium*): on 9 Man [F66].

Coriolopsis gallica (Trametes hispida): on 4 NWT-Alta [1063]. See *Acer*.

Coriolus hirsutus (Polyporus h.): on 3, 9 Ont [1341]. See *Abies*.

C. pubescens (Polyporus p.) (C:280): on 3 BC [1816]. See *Abies*.

Crepidotus mollis (C. fulvotomentosus): on 1, 9 NS [1032]. See *Populus*.

Cucurbitaria sorbi (C:279): on 1 Ont [1340].

Cytospora sp. (C:279): canker, chancre: on 1 Alta [1594], Alta, Man [339]; on 3 NB [1032]; on 9 BC [1012], Alta [338], Ont [1340], Ont, Que [336].

C. chrysosperma (holomorph *Valsa sordida*) (C:279): canker, chancre cytosporéen: on 9 Ont [1340].

C. cincta (holomorph *Leucostoma c.*): on 3 Ont [1828].

C. rubescens (C. leucostoma) (holomorph *Leucostoma persoonii*) (C:279): canker, chancre cytosporéen: on 1 Man, Ont [339]; on 3 BC [1816]; on 9 BC [333], Alta [336, F64].

Daedaleopsis confragosa (Daedalea c.): on 4 Nfld [1659, 1660, 1661]. See *Acer*.

Dermea ariae (Dermatea a.) (C:279): on 1 Ont, Que, NS [654], NB, NS [1032]; on 1, 9 Ont [1340]; on 9 Sask [F68].

Diaporthe impulsa (C:279): on 1 Ont [1340], NS [1032].

Diplocarpon mespili (Fabraea maculata) (anamorph *Entomosporium mespili*) (C:280): leaf spot, tache des feuilles: on 1 NS [1036]; on 5 BC [1816]; on 9 Alta [F68].

Dothiora sorbi (C:279): on 1, 9 Ont [1340].

Durandiella lenticellicola (C:280): on 1 NB [F65], NS [1032].

Entomosporium mespili (E. maculatum) (holomorph *Diplocarpon mespili*): on 4, 9 Ont [1827]; on 9 Ont [F68].

Eutypella sorbi (C:280): on 1 Ont [1340]; on 9 NWT-Alta [1063].

Exidia glandulosa (E. spiculosa): on 1 Ont [1341]. See *Abies*.

E. saccharina: on 9 Ont [1341]. See *Pinus*.

Flammulina velutipes (Collybia v.): on 9 Ont [1150]. See *Fagus*.

Fusarium sp.: on 1 NB [F72].

F. lateritium f. sp. *mori* (C:280): on 9 Ont [1340, F63, F67, F69].

Gloeosporium sp.: on 1 NS [1032]; on 9 Man [F60].

Guignardia sp.: on 7 BC [1012].

Gymnosporangium sp.: rust, rouille: on 1, 3, 4 Nfld [1659, 1660, 1661]; on 9 Alta [951], Sask, Man [F63], Man [F64], Que [F75], Nfld [337].

G. aurantiacum: rust, rouille: on 9 Que [1377], Nfld [F64]. See comment under *Juniperus*.

G. clavipes (C:280): rust, rouille: 0 I on 1 Ont [1341], NS [1263]; on 1, 3, 4 Ont [1236]; on 3, 9 NS [1032]; on 5, 7 BC [1816]; on 7a, 7b BC [1012]; on 9 Alta, Sask [F71].

G. cornutum (C:280): rust, rouille: 0 I on 1 Man, Nfld [335], Que [282], NB, NS [1032], NS [1264], Nfld [339, F69, F70, F71, F73, F76]; on 1, 3, 4 Ont [1264]; on 1, 4 Ont [1236], Que, Nfld [1264]; on 1, 4, 9 Nfld [1659, 1660, 1661]; on 1, 9 Ont [1341]; on 4 Ont [333, 334]; on 5, 7 BC [1816]; on 6 Alta [952], Sask [1264]; on 6, 7 BC, Alta [1264]; on 3, 9 Alta, Ont by inoculation [1247]; on 7 Alta [644]; on 7a, 7b BC [1012]; on 9 BC [1247], Alta [951], Man [1240, F67], Ont [F71, F73], Ont, Nfld [1240, F67, F68, F74], Que, NB, NS [1240], Nfld [F65, F66].

G. globosum: rust, rouille: on 9 Que [1377]. Probably a specimen of *G. cornutum*.

G. nootkatense (C:280): rust, rouille: 0 I on 5, 7 BC [1816]; on 7a BC [1247]; on 7a, 7b [1012, 2008].

G. tremelloides (C:280): rust, rouille: 0 I on 5, 7 BC [1816]; on 6 Alta [952], Ont by inoculation [1247]; on 6, 7 BC, Alta [1266], Alta [1247]; on 6, 9 NWT-Alta [1063], BC [1381], Alta [950]; on 7a, 7b BC [1012]; on 9 BC [644, 954], Alta [2008].

Hyphoderma setigerum (Peniophora aspera): on 9 NB [1032]. See *Abies*.

Hypoxylon fuscum: on 1 Ont [1340].

Irpex lacteus (Polyporus tulipiferae) (C:280): on 9 NB [1032]. See *Acer*.

Isariopsis sp.: on 9 Que [F60].

Leucostoma cincta (Valsa c.) (anamorph *Cytospora c.*): on 1 Ont [1828]; on 1, 9 Ont [1340]; on 9 Ont [F62, F71], Que [F61].

L. massariana: on 1, 3 Que [338]; on 9 Que [F65].

L. persoonii (anamorph *Cytospora rubescens*): on 1 NS [1032]; on 3 NB [1032]; on 9 NWT-Alta [1063], Alta [F63].

Lophodermium tumidum (C:280): on 1 NB, NS [1032]. Probably specimens of *L. aucupariae*, see [1609 page 96].

Melanomma pulvis-pyrius (M. subsparsum) (C:280): on 1 Que [70], NS [1032].

Micropera sorbi (C:280): on 1, 9 Ont [1340]. The generic name is invalid and this species should be transferred, see [401].

Mycosphaerella sp.: on 1 Nfld [1661]; on 3 Nfld [1660, F73].

M. maculiformis: on 1 Que [70].

Nectria sp.: on 8 Que [1377].

N. cinnabarina (anamorph *Tubercularia vulgaris*) (C:280): on 1 Alta [338]; on 1, 9 NB [1032]; on 3, 9 NS [1032]; on 4 Nfld [1659, 1660, 1661]; on 9 NWT-Alta [1063], BC [1012], Sask [F69], Sask, Man [F67].

N. galligena (C:280): on 9 Ont, Que [336], NS [1032].

Nummularia discincola: on 9 Ont [1340].

Oidium sp.: powdery mildew, blanc: on 3 BC [1594].

Paxillus sp.: on 1 Nfld [1660].

Phaeoisariopsis sorbi: on 1 Ont [1217]; on 1, 4 Que [1217].

Phellinus ferreus (Poria f.): on 1 Nfld [1659, 1660, 1661]. See *Acer*.

P. igniarius (Fomes i.) (C:280): on 9 Ont [1341]. See *Acer*.

Phomopsis sp.: on 9 Ont [1827].

P. sorbicola: on 9 Man [F67].

Phyllactinia guttata (C:280): powdery mildew, blanc: on 7 BC [1012, 1816].

Phyllosticta minima: on 1 Nfld [1661]. Only known from *Aceraceae*. This specimen may be *P. sorbi*.

P. sorbi: on 3 NS [1032].

Pleurotus subareolatus: on 7 BC [1012]. See *Acer*.

Pseudospiropes simplex: on 4 Man [817, 1760].

Pycnoporus cinnabarinus: on 9 Nfld [1659, 1660, 1661]. See *Acer*.

Septoria musiva (holomorph *Mycosphaerella populorum*): on 3 Ont [1594]. Typically on *Populus*.

S. sorbi (holomorph *Mycosphaerella aucupariae*): on 3 Ont [1340, F67].

Sphaeropsis malorum: on 1 NB [1032]. See comment under *Malus*.

Tubercularia vulgaris (holomorph *Nectria cinnabarina*) (C:280): on 9 BC [1012], Alta [F63].

Tympanis conspersa: on 9 Man [F67], Man, Que, NB [1221].

Valsa sp.: on 9 Ont [1340].

V. ambiens (V. sordida) (anamorph *Cytospora a.*): on 9 NWT-Alta [1063], Que [1377], NB [1032].

V. amphibola (C:280): on 1 NS [1032].

SORGHUM Moench GRAMINEAE

1. *S. bicolor* (L.) Moench (*S. vulgare* Pers.), sorghum, sorgho; imported from Africa.

Ustilago sorghi (C:280): covered kernel smut, charbon couvert: on 1 BC [1816].

SPARGANIUM L. SPARGANIACEAE

1. *S. eurycarpum* Engelm., giant bur-reed, rubanier à gros fruits; native, Mack, BC-Nfld.

Uromyces sparganii (C:280): rust, rouille: II III on 1 Ont [1236], Ont, Que, NS [1287].

SPARTINA Schreb. GRAMINEAE

1. *S. alterniflora* Loisel., salt marsh grass, herbe salée; native, Que-PEI, Nfld.
2. *S. gracilis* Trin., alkali cordgrass; native, Mack, BC-Man.
3. *S. pectinata* Link (*S. michauxiana* Hitchc.), fresh-water cordgrass, chaume; native, BC-Alta, Man-Nfld.
4. Host species not named, i.e., reported as *Spartina* sp.

Buergenerula spartinae: on 3, 4 NB [891]; on 4 NB [553].

Cladosporium sp.: on 4 NS [553].

Drechslera tritici-repentis (holomorph *Pyrenophora t.*) (C:281): on 3 Ont [1611].

Leptosphaeria albopunctata: on 4 NB [553].

L. marina: on 4 NB, NS [553].

L. neomaritima: on 4 NS [553].

Lulworthia sp.: on 4 NB, NS [553].

Mycosphaerella sp.: on 4 NB [553].

Phaeosphaeria typharum: on 1 NS [553]; on 4 Que, NB, NS [553].

Phoma sp.: on 1 NS [553]; on 4 NB, NS [553].

Phyllachora graminis: on 4 Ont [1828].

Puccinia seymouriana (C:281): rust, rouille: II III on 3 Ont [1236].

P. sparganioides (P. peridermiospora) (C:281): rust, rouille: on 3 Que [1377], NB [1036]; on 3, 4 Ont [1236]; on 4 NB, NS [1032].

Septoria spartinae: on 1 BC [1728].

Stagonospora sp.: on 1 NS [553]; on 4 NB [553].
Uromyces acuminatus var. *spartinae*: rust, rouille: on 4 NS [1036].

SPERGULA L. CARYOPHYLLACEAE

1. *S. arvensis* L., corn spurrey, spargoute des champs; imported from Eurasia, natzd., Yukon-Mack, BC-Alta, Ont-Nfld.

Puccinia arenariae (C:281): rust, rouille: III on 1 Ont [1236].

SPHAERALCEA St-Hil. MALVACEAE

1. *S. coccinea* (Nutt.) Rydb., scarlet globe-mallow; native, BC-Man.

Puccinia schedonnardi: rust, rouille: on 1 Alta [1274].
P. sherardiana (C:281): rust, rouille: on 1 Alta, Sask, Man [1275].

SPHENOPHOLIS Scribner GRAMINEAE

1. *S. intermedia* Rydb., slender wedge grass, sphenopholis pâle; native, Mack, BC-Nfld.

Puccinia eatoniae var. *ranunculae*: rust, rouille: II III on 1 Ont [1236].

SPINACEA L. CHENOPODIACEAE

1. *S. oleracea* L., spinach, épinard; imported from sw. Asia.

Albugo occidentalis: on 1 BC [337, 1816].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:281): on 1 Ont [1460, 1594].
Cladosporium variabile (Heterosporium v.) (C:281): leaf spot, tache hétérosporienne: on 1 BC [1816].
Fusarium oxysporum f. sp. *spinaciae*: on 1 Ont [1454].
Ligniera pilorum: on 1 Ont [60].
Olpidium brassicae: on 1 Ont [67].
Peronospora effusa (C:281): downy mildew, mildiou: on 1 Que [348].
P. farinosa (C:281): downy mildew, mildiou: on 1 BC [338, 339, 1816, 1817, 1818].
Phytophthora megasperma (C:282): black root rot, pourriture des racines: on 1 BC [1816].
Polymyxa betae f. sp. *betae*: on 1 Ont [60].
Puccinia aristidae (C:282): rust, rouille: on 1 BC [1816].
Pythium ultimum (C:282): damping off, fonte des semis: on 1 BC [1816].
Stagonospora atriplicis (Ascochyta chenopodii) (C:281): seed spot, ascochytose: on 1 BC [1816].
Stemphylium botryosum (holomorph *Pleospora herbarum*) (C:282): leaf spot, tache stemphylienne: on 1 BC [1816], Ont [667] from seeds.
Ulocladium consortiale (Stemphylium c.): on seeds of 1 Ont [667].

SPIRAEA L. ROSACEAE

1. *S. alba* DuRoi (*S. salicifolia* aucts. non L.), meadowsweet, thé du Canada; native, Alta-Nfld. 1a. *S. a.* var. *latifolia* (Ait.) Ahles (*S. l.* (Ait.) Borkh.); native, Man-Nfld.
2. *S.* x *arguta* Zabel (*S.* x *muliflora* Zab. x *S. thunbergii* Siebold).
3. *S. betulifolia* Pallas (including var. *lucida* (Dougl.) Hitchc. *(S. lucida* Dougl.*)*), shiny-leaf meadowsweet, spirée à feuilles de Bouleau; native, BC-Sask.
4. *S. douglasii* Hook., Douglas spiraea, spirée de Douglas; native, BC.
5. *S. tomentosa* L., steeplebush, reine des prés; native, Man-PEI.
6. *S.* x *vanhouttei* (Briot) Zab. (*S. cantonensis* Lour. x *S. trilobata* L.), bridal wreath.
7. Host species not named, i.e., reported as *Spiraea* sp.

Cylindrosporium filipendulae (C:282): on 3 BC [644, 953, 1012, 1816].
C. spiraeicola (C:282): leaf spot, cylindrosporienne: on 1 BC [1816].
Diaporthe viburni var. *spiraeicola* (C:282): on 7 Ont [1340].
Fusarium equiseti (C:282): on 6 Que [334].
Godronia spiraeae (C:282): on 1a Que [1525]; on 7 BC, Ont, Que [656].
Helminthosporium ?spiraeae: on 2 Que [337].
H. velutinum: on 4 BC [810].
Mollisia cinerea: on 7 Ont [1340].
Nectria cinnabarina (anamorph *Tubercularia vulgaris*) (C:282): dieback or coral spot, dépérissement nectrien: on 7 Que [333, 338], NB [1036].
Phloeospora dearnessii: on 1 Ont [195].
Podosphaera clandestina (C:282): powdery mildew, blanc: on 1 Ont [1257]; on 1a, 5 Ont, Que, NS [1257].
Tomentella ellisii (T. ochracea): on 7 Ont [929, 1341, 1828].

STACHYS L. LABIATAE

1. *S. cooleyae* Heller; native, BC.
2. *S. mexicana* Benth. (*S. ciliata* Dougl.); native w. USA. Possibly misidentifications of *S. cooleyae*.
3. *S. palustris* L., marsh hedge-nettle, crapaudine; native, Yukon-Mack, BC-Nfld. 3a. *S. p.* var. *pilosa* (Nutt.) Fern. (*S. scopulorum* Greene), woundwort, ortie morte; native, transcontinental.

Erysiphe sp.: powdery mildew, blanc: on 1 BC [1012].
E. cichoracearum (C:283): powdery mildew, blanc: on 2 BC [1816]; on 3 Ont [1257].

E. galeopsidis (C:283): powdery mildew, blanc: on 3, 3a BC, Alta [1257].
Phyllosticta palustris: on live leaves of 3 Ont [441].

STAPHYLEA L. STAPHYLEACEAE

1. *S. trifolia* L., American bladdernut, staphylier; native, s. Ont, s. Que, a shrub or small tree.

Aplosporella staphylina: on dead plants of 1 Que [441].
Nectria atrofusca: on 1 Ont, Que [143].

STELLARIA L. CARYOPHYLLACEAE

1. *S. calycantha* (Ledeb.) Bong., northern starwort, stellaire calycanthe; native, Yukon-Labr, BC-Nfld. 1a. *S. c.* var. *c.* (*S. borealis* Bigelow); native, Yukon-Mack, BC-Nfld, Labr.
2. *S. crispa* Cham. & Schlecht.; native, Yukon, BC-Alta.
3. *S. graminea* L., stitchwort, mouron des champs; imported from Eurasia, introduced, BC, Man-Nfld.
4. *S. longipes* complex: 4a. *S. crassipes* Hulten; native, Keew-Labr, Nfld. 4b. *S. edwardsii* R. Br. (*S. ciliatosepala* Trautv.); native, transcontinental. 4c. *S. laeta* Richards.; native, transcontinental. 4d. *S. longipes* Goldie, long-stalked chickweed, stellaire à longs pedicelles; native, Yukon-Labr, BC-NB. 4e. *S. monantha* Hulten; native, transcontinental.
5. *S. media* (L.) Cyrillo, chickweed, mouron des oiseaux; imported from Eurasia, natzd., Yukon-Mack, BC-Nfld, Labr.
6. Host species not named, i.e., reported as *Stellaria* sp.

Laetinaevia stellariae (C:283): on 4a, 4b Frank [664].
Leptosphaeria stellariae (C:283): on 6 NWT-Alta [1063].
Melampsorella caryophyllacearum (*M. cerastii*) (C:283): rust, rouille: II III on 1 NWT-Alta [1063], Alta [F63]; on 1, 2, 4, 5 BC [1012]; on 1a, 2, 4e, 5 BC [1816]; on 3, 5 Ont [1236]; on 4, 4e Que [1236]; on 5 BC [2007]; on 5, 6 Que [1377]; on 6 BC, Alta, Sask, Man [2008].
Mycosphaerella tassiana (*Sphaerella stellarianearum*) (C:283): on dead stems and leaves of 4 n. Que [437].
Olpidium brassicae: isolated from infected rootlets of 5 BC [1977].
Puccinia arenariae (C:283): rust, rouille: on 1, 4e BC [1578]; on 4c Alta [1578]; on 4e Frank [1543]; on 6 NWT-Alta [1063], Man, Que [1236].
Pythium sp.: isolated from infected rootlets of 5 BC [1977].
Ramularia stellariae (C:283): on 1a BC [1816].
Septoria stellariae (C:283): on 5 BC [1816].
Ustilago violacea var. *stellariae* (C:283): smut, charbon: on 4b Frank [1244]; on 4b, 4c, 4e Frank [1586].
U. violacea var. *violacea*: smut, charbon: on 4b Frank [1244].

STEPHANOMERIA Nutt. COMPOSITAE

1. *S. tenuifolia* (Torr.) Hall; native, BC.

Puccinia harknessii var. *stephanomeriae* (*P. harknessii*): rust, rouille: on 1 BC [1012].

STIPA L. GRAMINEAE

1. *S. comata* Trin. & Rupr., spear grass or needle-and-thread; native, Yukon, BC-Man, introduced, Ont.
2. *S. occidentalis* var. *minor* (Vasey) Hitchc. (*S. columbiana* Macoun); Yukon, BC-Sask.

Puccinia stipae (C:284): rust, rouille: II III on 1 BC [644].
Septoria secalis var. *stipae* (C:284): on 2 Yukon [1731].

STREPTOPUS Rich. LILIACEAE

1. *S. roseus* Michx., rose twisted-stalk, rognons de coq; native, BC, Ont-Nfld, Labr. 1a. *S. r.* var. *curvipes* (Vail) Fassett; native, BC.

Septoria streptopodis: on 1 Ont [1545].
Tuburcinia clintoniae (C:284): on 1a BC [1545, 1816]. The generic name is considered to be synonymous with *Urocystis* but this species has not been transferred to *Urocystis*.

STROPHOSTYLES Elliott LEGUMINOSAE

1. *S. helvola* (L.) Ell., wild bean, haricot sauvage; native, Ont-Que.

Uromyces appendiculatus (*U. phaseoli*): rust, rouille: 0 I II III on 1 Ont [1236].

SYMPHORICARPOS Duham. CAPRIFOLIACEAE

1. *S. albus* (L.) Blake, snowberry, graine d'hiver; native, Mack, BC-Que.
2. *S. mollis* Nutt.; native, BC. The BC plant is referable to *S. m.* var. *hesperius* (Jones) Cronq. (*S. h.* G.N. Jones).
3. *S. occidentalis* Hook., wolfberry, graine de loup; native, BC-Ont.
4. *S. orbiculatus* Moench, Indian currant; imported from the USA.

Cercospora symphoricarpi (C:284): leaf spot, tache cercosporéenne: on 1 BC [1012, 1816].

Griphosphaerioma kansensi (anamorph *Labridella cornu-cervae*): on 3 Man [1612].
Labridella cornu-cervae (Pestalotia c.) (holomorph *Griphosphaerioma kansensis*): on twigs of 3 Man [1757, 1763].
Microsphaera diffusa (C:285): powdery mildew, blanc: on 1 BC [333, 334, 339, 1816], Que [338]; on 1, 4 Ont [1257].
Phomopsis sp.: on *S.* sp. Que [F65].
Puccinia crandallii (C:285): rust, rouille: on 1 BC [1012, 1816]; on 3 NWT-Alta [1063], Alta [644].
P. symphoricarpi (C:285): rust, rouille: on 1, 2 BC [1012]; on 2 BC [1816].
Rhizogene impressa: on *S.* sp. Sask [75].
Septoria symphoricarpi (C:285): leaf spot, tache septorienne: on 1 BC [1816].
Sphaceloma symphoricarpi (C:285): anthracnose, anthracnose: on 1 NS [336].
Sphaerotheca sp.: powdery mildew, blanc: on 1 BC [1012].

SYMPHYTUM L. BORAGINACEAE

1. *S. officinale* L., common comfrey, herbe à la coupure; eurasian, introduced, BC-Alta, Ont-NS, Nfld.

Calyptella capula: on fallen stems of 1 BC [1424].

SYRINGA L. OLEACEAE

1. *S. reticulata* (Blume) Hara, Japanese tree lilac; imported from Japan. 1a. *S. r.* var. *mandshurica* (Maxim.) Hara (*S. amurensis* Rupr.), Amur lilac, lilas de l'Amour; imported from Manchuria.
2. *S. vulgaris* L., lilac, lilas; imported from Europe, well established as an escape from cultivation, Sask, Ont-PEI, Nfld.
3. Host species not named, i.e., reported as *Syringa* sp.

Alternaria sp.: on 3 NB [1032].
Armillaria mellea: on 3 BC [1012]. See *Abies*.
Ascochyta syringae (C:285): leaf spot, tache ascochytique: on 2 BC [1816]; on 3 PEI [1032].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:285): gray mold, moisissure grise: on 2 Que [335]; on 3 NB, PEI [1032].
Cladosporium herbarum: on 2 BC [1012]; on 3 BC [337].
Coriolus versicolor (Polyporus v.): on 2 BC [1012], Que [1390]. See *Abies*.
Crucibulum laeve: bird's nest fungus: on 2 NS [1036].
Dendrothele griseo-cana (Aleurocorticium g.): on 2 Ont [965]. See *Acer*.
Microsphaera penicillata (M. alni) (C:285): powdery mildew, blanc: on 1a, 2 Ont [334]; on 2 Ont [1257], Ont, Que [338], Ont, NB [333], Que, NS [334], NB [1194], NS [336]; on 3 Ont, NB [337].
Pestalotiopsis funerea (Pestalotia f.): on 2 Ont [336]. A common parasite on *Pinaceae*, this specimen may have been misidentified.
Phomopsis depressa: on 3 Man [F65].
Phytophthora citricola: on 2 Alta [338].
Sclerophoma sp.: on 3 BC [1012].
Verticillium albo-atrum: on 2 Que [335]; on 3 Nfld [1594].

TAENIDIA (Torr. & Gray) Drude UMBELLIFERAE

1. *T. integerrima* (L.) Drude, yellow pimpernel, ténidia à feuilles entières; native, Ont-Que.

Cercosporidium punctiforme (Didymaria platyspora): on 1 Ont [379].
Puccinia angelicae (C:285): rust, rouille: 0 I II III on 1 Ont [1236, 1551].

TAGETES L. COMPOSITAE

1. *T. erecta* L., Aztec marigold, rose d'Inde; imported from Mexico and Central America.
2. *T. patula* L., French marigold, petit oeillet d'Inde; imported from Mexico and Guatemala.
3. *T. tenuifolia* Cav. (*T. signata* Bartl.), signet marigold; imported from Mexico and Central America. 3a. *T. t.* cv. pumila; a group name applying to dwarf cultivars.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:285): gray mold, moisissure grise: on 2 Ont [163]; on 3a BC [1816].
Fusarium sp. (C:285): foot rot, pourridié fusarien: on 1 NS [339].
Phytophthora sp. (C:285): stem rot, pourridié phytophthoréen: on 3a BC [1816].
P. cryptogea (C:285): stem rot, pourridié phytophthoreén: on *T.* sp. Ont [333].
Sclerotinia sclerotiorum (C:286): sclerotinia rot, pourriture sclérotique: on 1 Sask [1140].

TARAXACUM Zinn COMPOSITAE

1. *T. ceratophorum* (Ledeb.) DC., rough dandelion, pissenlit tuberculé; native, Yukon-Mack, BC-Que, Nfld.
2. *T. hyparticum* Dahlst.; native, Mack, Frank.
3. *T. kok-saghyz* Rodin, Russian dandelion; imported from Turkestan.
4. *T. lacerum* Greene (*T. arctogenum* Dahlst.), rough dandelion, pissenlit tuberculé; native, Yukon-Labr, BC-Que, Nfld.
5. *T. laevigatum* (Willd.) DC. (*T. erythrospermum* Andrz.), red-seeded dandelion, pissenlit lisse; imported from Europe, introduced Mack, BC-NS.
6. *T. latilobum* DC.; native, Que-NB, Nfld.

7. *T. officinale* Weber, common dandelion, pissenlit; imported from Eurasia, natzd. Yukon-Mack, BC-Nfld.
8. *T. phymatocarpum* Vahl (*T. pumilum* Dahlst.); native, Yukon-Frank.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*): on 3 BC [1816].
Cercosporella angustana (holomorph *Mycosphaerella taraxaci*): on 4 Frank [1586].
Mycosphaerella taraxaci (anamorph *Cercosporella angustana*) (C:286): on 2, 4, 8 Frank [1586].
Olpidium brassicae: on 7 Ont [67].
Puccinia hieracii (C:287): rust, rouille: 0 I II III on 1, 4, 6, 7 Ont [1236]; on 7 BC [1012, 1816], Man [1838], Ont [1341]; on *T.* sp. Yukon [7].
Ramularia taraxaci (C:287): on 7 BC [1816].
Sphaerotheca fuliginea (S. humuli var. *f.)* (C:287): powdery mildew, blanc: on 2, 4, 8 Frank [1586]; on 7 Man [1838], Ont [1257].
S. macularis (C:287): powdery mildew, blanc: on 7 BC [1816].
Synchytrium taraxaci: on 7 BC [1816].
Ulocladium consortiale (Stemphylium c.): from seeds of 3 Ont [667].
Verticillium dahliae: on *T.* sp. BC [1816, 1978].

TAXUS L. TAXACEAE

1. *T. baccata* L., English yew, if d'Europe; imported from Europe, n. Africa and Asia. 1a. *T. b.* cv. fastigiata, Irish yew.
2. *T. brevifolia* Nutt., western yew, if de l'ouest; native, BC-Alta.
3. *T. canadensis* Marsh., Canada yew, buis de sapin; native, Man-Nfld.
4. *T. cuspidata* Siebold & Zucc., Japanese yew, if japonais; imported from Japan, Korea and Manchuria.

Acanthostigmella pellucida: on 3 Que [78].
Armillaria mellea: on 2 BC [1012]. See *Abies*.
Asteridiella pitya: on 2 BC [1012, 1358].
Dendrothele incrustans (Aleurocorticium i.): on 2 BC [965, 1012]. See *Abies*.
Dothiora taxicola (Sphaerulina t.) (C:287): on 2 BC [954, 1012, F67]; on 3 NB [1032], Nfld [1659, 1660, 1661].
Hymenochaete badioferruginea (C:287): on 2 BC [1012]. See *Abies*.
H. fuliginosa (C:287): on 2 BC [1012]. See *Picea*.
H. tabacina (C:287): on 3 NS [1032]. See *Abies*.
Lepidoderma carestianum (C:287): on *T.* sp. Que [F60].
Limacinia sp.: on 2 BC [1012].
Nectria coccinea: on 2 Nfld [F75].
Phacidium taxicola (C:287): on 2 BC [1012, F64], Que [F68]; on 3 Ont [1340], Que [1681]; on *T.* sp. Ont [1444].
Phomopsis sp. (C:287): on 1a, 2 BC [1012].
Physalospora gregaria: on 2 BC [1012].
Phytophthora sp. (C:287): on *T.* sp. BC [333].
P. cinnamomi (C:287): on 1 BC [1012]; on 1, 4 BC [23, 25, 337].
Spiropes helleri: on 2 BC [820].
Valsa taxi: on 3 Que [1689].

TELLIMA R. Br. SAXIFRAGACEAE

1. *T. grandiflora* (Pursh) Dougl., fringe-cup; native, BC.

Puccinia austroberingiana ssp. *austroberingiana (P. heucherae* var. *a.)* (C:287): rust, rouille: on 1 BC [1012, 1560, 1816].
P. austroberingiana ssp. *saxifragarum*: rust, rouille: on 1 BC [1560].
P. heucherae (C:287): rust, rouille: on 1 BC [1012].

THALICTRUM L. RANUNCULACEAE

1. *T. alpinum* L., alpine meadow rue, pigamon alpin; native, Yukon-Mack, n. Que-Labr, BC.
2. *T. dasycarpum* Fisch. & Lall., purple meadow rue; native, BC-Que.
3. *T. dioicum* L., early meadow rue, pigamon dioique; native, Ont-Que.
4. *T. occidentale* Gray, western meadow rue; Yukon-Mack, BC-Sask.
5. *T. pubescens* Pursh, tall meadow rue, grand pigamon; native, Ont-Nfld, Labr. 5a. *T. p.* var. *p.* (*T. polygamum* Muhl.); native, Ont-Nfld.
6. *T. sparsiflorum* Turcz.; native, Yukon-Mack, BC-Ont.
7. Host species not named, i.e., reported as *Thalictrum* sp.

Didymosphaeria thalictri (C:288): on dead stems of 5a Ont [440].
Diplodia thalictri: on dead stems of 5a Ont [440].
Erysiphe communis (E. polygoni) (C:288): powdery mildew, blanc: on 5a Ont [1257].
Mollisia atrata: on 7 Ont [1340].
Ophiobolus niesslii: on 7 Ont [1620].
O. rubellus: on 7 Ont [1340, 1620].
Puccinia sp.: rust, rouille: on 4 NWT-Alta [1063].
P. gigantispora: rust, rouille: on 1 BC [1012, 1816].
P. recondita s.l. (C:288): rust, rouille: 0 I on 2, 5a Ont [1236]; on 3 Ont [1341]; on 4 BC [1012, 1816]; on 4, 6, 7 NWT-Alta [1063]; on 5a Nfld [1659, 1660, 1661].
Pyrenopeziza thalictri: on 5a Ont [1340].
Streptotinia caulophylli: on 5a Que [430].
Tranzschelia anemones (C:288): rust, rouille: 0 III on 3 Ont [1236, 1341]; on 5a Ont [1236].
T. thalictri (C:288): on 5a NB [1032].

THELYPTERIS Schmid. POLYPODIACEAE

1. *T. palustris* (Salisb.) Scholt (*Dryopteris thelypteris* (L.) Gray), marsh-fern; found in low woods and swampy ground, Man-PEI, Nfld.

Uredinopsis atkinsonii: rust, rouille: II II III on 1 Ont [1236].

THLASPI L. CRUCIFERAE

1. *T. arvense* L., pennycress, tabouret des champs; imported from Eurasia, introduced, Yukon-Mack, BC-Nfld.

Acremonium boreale: on 1 BC, Alta, Sask [1707].
Albugo candida (A. cruciferarum): on 1 Sask [1319].
Alternaria brassicae (C:289): on 1 Sask [339, 1323].
A. raphani: on 1 Sask [1323].
Colletotrichum dematium: on 1 Sask [1323].
Fusarium sp.: on 1 Sask [1323]. Reported as "Fusarium complex".
Leptosphaeria maculans (anamorph *Plenodomus lingam*): on 1 Sask [1321, 1322, 1325].
Mycosphaerella tassiana var. *tassiana*: on 1 Sask [1327].
Plenodomus lingam (Phoma l.) (holomorph *Leptosphaeria maculans*) (C:288): on 1 Alta, Sask [339], Sask [1319, 1871].
Sclerotinia sclerotiorum: on 1 Alta [1320], Sask [1319].
Verticillium dahliae: on 1 BC [38, 1978].

THUJA L. CUPRESSACEAE

1. *T. occidentalis* L., eastern white cedar, cèdre blanc; native, Man-PEI. 1a. *T. o.* cv. fastigiata.
2. *T. orientalis* L., oriental cedar, thuja d'Orient; imported from China and Korea. 2a. *T. o.* cv. stricta.
3. *T. plicata* Don, western red cedar, cèdre de l'ouest; native, BC-Alta. 3a. *T. p.* cv. atrovirens.
4. Host species not named, i.e., reported as *Thuja* sp.

Aleurodiscus botryosus (C:288): on 1 Ont, Que [964]. See *Acer*.
A. canadensis (C:288): on 1 Ont [1341], Que [964]. See *Abies*.
A. lividocoeruleus: on 1 Ont [964]; on 3 BC [964, 1012]. See *Abies*.
A. penicillatus (C:288): on 3 BC [1012]. See *Abies*.
A. tsugae (C:288): on 1 Ont, Que [964]; on 3 BC [964, 1012]. Lignicolous.
Alternaria maritima: on submerged panels of 3 BC [782].
Amphinema byssoides: on 1 Que [969]; on 3 BC [1012]. See *Abies*.
Amyloathelia amylacea (Corticium a.) (C:288): on 1 Ont [743], Ont, Que [964], Que [969]; on 3 BC [743, 964, 1012].
Amylocorticium cebennense: on 3 BC [1012, 1939]. See *Abies*.
Amylostereum chailletii: on 3 BC [1012]. See *Abies*.
Antrodia lenis (Poria l.) (C:290): on 3 BC [1012]. See *Abies*.
A. lindbladii (Poria cinerascens) (C:290): on 3 BC [1012]. See *Abies*.
A. serialis (Trametes s.): on 1 NWT-Alta [1063]. See *Abies*.
A. sinuosa (Poria s.): on 3 BC [1012]. See *Picea*.
A. xantha (Poria x.) (C:290): on 1 Ont [1341]; on 3 BC [1012]. See *Abies*.
Armillaria mellea (C:288): root rot, pourridié-agaric: on 1 Ont [1341, F66], Que [F62]; on 3 BC [1012, F74]. See *Abies*.
Asterostroma andinum (C:288): on 3 BC [1012].
Athelia decipiens: on 1 NS [1032]. See *Pinus*.
A. pellicularis: on 3 BC [1012]. See *Abies*.
Aureobasidium pullulans: on 1 Que [F61].
Auricularia auricula (A. auricularis) (C:288): on 1 Ont [1341], NB [423, 1032]; on 3 BC [423, 1012]. See *Abies*.
Basidiodendron cinerea: on 1 BC [1016]. See *Abies*.
B. nodosa: on 1 Ont [1016]. See *Abies*.
B. rimosa: on 1 Ont [1016].
Botryobasidium subcoronatum: on 3 BC [1012]. See *Betula*.
B. vagum: on 3 BC [1012]. See *Abies*.
Brevicellicium exile: on 1 Ont [742]. See *Picea*.
Ceratocystis allantospora: on 1 BC [1190].
C. angusticollis: on 1 BC [1190].
C. pilifera: on 1 Man [1190].
C. sagmatospora: on 1 BC [1190].
Cerocorticium notabile (Corticium n.) (C:289): on 3 BC [1012]. See *Picea*.
Chloroscypha limonicolor (Kriegeria enterochroma) (C:289): on 1 Ont [1340].
C. seaveri (Kriegeria s.): on 3 BC [1012, F65].
Chondrostereum purpureum: on 3 BC [1012]. See *Abies*.
Cladosporium sp.: on 1 Ont [1828].
C. herbarum: on 2a BC [1012].
C. macrocarpum: on 4 Sask [1760].
Collybia acervata (C:288): on 3 BC [1012]. See *Picea*.
Coltricia perennis (Polyporus p.) (C:289): on 3 BC [1012]. See *Abies*.
Confertobasidium olivaceo-album (Athelia fuscostrata): on 3 BC [1012]. See *Abies*.
Coniophora arida (C. betulae) (C:288): on 3 BC [1012]. See *Acer*.
C. arida var. *suffocata (C. suffocata)* (C:288): on 3 BC [1012]. See *Abies*.
C. puteana (C:288): on 3 BC [1012]. See *Abies*.
Coniothyrium sp.: on 1a BC [1012].
Conoplea fusca: on 1 Man [1760].
C. juniperi: on 1 Man [1760].
Coriolus hirsutus (Polyporus h.) (C:289): on 3 BC [1012]. See *Abies*.

Coriolus versicolor (Polyporus v.) (C:289): on 3 BC [1012]. See *Abies*.
Coryneum thujinum: on 3 BC [F67].
Crepidotus herbarum (C:289): on 3 BC [1012]. See *Populus*.
Crucibulum laeve (C. vulgare): bird's nest fungus: on 1 NB [1032]. See *Pseudotsuga*.
Cylindrobasidium corrugum (Corticium c.) (C:289): on 3 BC [1012]. See *Abies*.
Cylindrocephalum sp.: on 3 BC [1854].
Cytospora sp.: on 2a, 3 BC [1012].
Cytosporella sp.: on 1 Ont [1828].
Dacryobolus karstenii: on 3 BC [1012]. See *Pinus*.
Datronia stereoides (Polyporus planellus) (C:289): on 3 BC [1012]; on 4 BC [1014]. See *Alnus*.
Dendrothele griseo-cana (Aleurocorticium g.): on 1 Ont [965]. See *Acer*.
D. incrustans (Aleurocorticium i.): on 3 BC [965, 1012]. See *Acer*.
D. pachysterigmata (Aleurocorticium p.): on 1 Ont [965].
Delphinella tsugae (Mycosphaerella peckii): on 3 BC [1012].
Dermea balsamea (anamorph *Foveostroma abietinum*): on 3 BC [1012].
Diaporthe lokoyae (anamorph *Phomopsis l.*): on 3 BC [508, 1012, F70].
Didymascella thujina (Keithia t.) (C:289): needle blight, brûlure des aiguilles: on 1 Ont [303, 305], Ont, Que [1340, F64, F66], NB, PEI [1032, F60]; on 3 NWT-Alta [1063], BC [954, 1012, 1340, 1416, F74], Ont [F66]; on 3a BC [1012, F70]; on 4 NB [1032].
Discina ancilis (D. perlata) (C:289): on 3 BC [1012, F68].
Dothiorella sp.: on 1a BC [1012].
Echinodontium tinctorum: on 3 BC [1012]. See *Abies*.
Epicoccum purpurascens (E. nigrum): on 1 Ont [1827]; on 4 Sask [1760].
Euantennaria sp.: on 3 BC [798, 1012].
E. rhododendri (Limacinia alaskensis) (C:289): on 3 BC [1012].
Fibricium rude (F. greschikii): on 3 BC [1012]. See *Abies*.
Fomitopsis pinicola (Fomes p.) (C:289): brown cubical rot, carie brune cubique: on 3 BC [1012]. See *Abies*.
F. rosea (Fomes r.): on 1 Ont [1341]. See *Abies*.
Fusarium sp.: on 1 Ont [1828].
Gloeocystidiellum furfuraceum (Corticium f.) (C:289): on 3 BC [1012]. See *Abies*.
G. propinquum: on 3 BC [1012]. See *Pseudotsuga*.
Gloeophyllum odoratum (Trametes o.) (C:290): on 3 BC [1012]. See *Abies*.
G. sepiarium (Lenzites s.) (C:289): brown cubical rot, carie brune cubique: on 3 BC [1012]. See *Abies*.
Gloeoporus dichrous: on 3 BC [1012]. See *Acer*.
Graphium sp.: on 1 Ont [1340].
Griseoporia carbonaria (Trametes c.) (C:290): on 3 BC [1012]. See *Pinus*.
Gymnopilus liquiritiae (Flammula l.) (C:289): on 3 BC [1012].
Haematostereum sanguinolentum: on 3 BC [1012]. See *Abies*.
Heterobasidion annosum (Fomes a.) (C:289): root rot, maladie du rond: on 3 BC [1012]. See *Abies*.
Humicola alopallonella: on submerged panels of 3 BC [782].
Hymenochaete cinnamomea (C:289): on 3 BC [1012]. See *Alnus*.
H. fuliginosa (C:289): on 3 BC [1012]. See *Picea*.
H. tabacina (C:289): on 1 NB [1032]; on 3 BC [1012, 1341]. See *Abies*.
Hyphoderma praetermissum (H. tenue): on 3 BC [1012]. See *Abies*.
H. sambuci: on 3 BC [1012]. See *Acer*.
Hyphodontia alutacea: on 3 BC [1012]. See *Abies*.
H. aspera: on 3 BC [1012, 1341]. See *Pinus*.
H. pallidula: on 3 BC [1012]. See *Abies*.
H. spathulata (Odontia s.): on 1, 4 NB [1032]. See *Abies*.
Hypholoma fasciculare (Naematoloma f.) (C:289): on 3 BC [1012]. See *Abies*.
Inonotus subiculosus (Poria s.) (C:290): on 1 NB [1032]. See *Abies*.
Ischnoderma resinosum (Polyporus r.): on 1 Ont [1341]. See *Abies*.
Junghuhnia collabens (Poria rixosa): on 4 Ont [1004]. See *Abies*.
Kabatina thujae: on 1 Que [1377, F60, F61]; on 3a BC [508].
Kirschsteiniella thujina: on 3 BC [1859].
Laetiporus sulphureus (Polyporus s.) (C:289): on 3 BC [1012]. See *Abies*.
Lentinus lepideus (C:289): on 3 BC [1012]. Now in *Neolentinus*. See *Pinus*.
Lepteutypa cupressi: on 2, 3 BC [1012]; on 3 BC [F73, F74].
Leucogyrophana mollusca: on 3 BC [571, 1012]. See *Abies*.
L. pulverulenta: on 3 BC [571]. See *Pinus*.
Lophiostoma thujae (C:289): on 1 Que [70].
Lophodermium thujae (C:289): on 1 NB [F60]; on 1, 4 NB [1032].
Lophophacidium hyperboreum: on 1 Que [1692].
Lulworthia medusa: on submerged panels of 3 BC [782].
Macrophoma magnifructa: on 1 Ont [1340].
M. thujana: on 3 BC [1012, F73].
Meruliopsis albostramineus (Ceraceomerulius a.): on 3 BC [568, 1012]. See *Abies*.
Microspora sp.: on 1 BC [508].
Mitrula borealis: on dead foliage of 1 Ont [1428].
M. elegans: on 3 BC [1012].
M. lunulatospora: on dead foliage of 1 Ont [1428].
Mycena thujina: on trunks of 1 Ont [1385].
Myxosporium sp.: on 1 Que [F66]. May be referable to *Cryptosporiopsis abietina*, anamorph of *Pezicula livida*.
Neournula nordmanensis: on 3 BC [1224].

Nidula niveotomentosa: bird's nest fungus: on 3 BC [1012]. See *Pseudotsuga*.

Odontia lactea (C:289): on 3 BC [1012, 1341]. See comment under *Abies*.

Omphalina ericetorum: on 3 BC [1012].

Oxyporus cuneatus (Polyporus c.) (C:289): on 3 BC [1012, 1341]; on 4 BC [1014].

Panus rudis (C:289): on 1 Ont [1341]; on 3 BC [1012]. See *Acer*.

Patellaria atrata (C:289): on 3 BC [1012].

Paxillus panuoides (C:289): on 3 BC [1012]. See *Pseudotsuga*.

Pestalotia funerea var. *macrochaeta*: on 3 BC [1012]. The variety is referable to *Pestalotiopsis* but the combination has not been validly published.

P. thujae: on 3 BC [1012]. See comment under *Chamaecyparis*.

Pestalotiopsis funerea (Pestalotia f.) (C:289): on 1 Ont [F60, F67], Que [F66, F74]; on 1, 4 Ont [1340], NB [1032].

Pezicula livida (anamorph *Cryptosporiopsis abietina*): on 1 Man [F66].

Phacidium sp.: on 1 Que [F62].

Phaeolus schweinitzii (Polyporus s.) (C:289): brown cubical rot, carie brune cubique: on 3 BC [1012]. See *Abies*.

Phanerochaete carnosa (Peniophora c.) (C:289): on 1 Que [969]; on 3 BC [1012]. See *Abies*.

P. sanguinea (Peniophora s.) (C:289): on 1 BC [1012]. See *Abies*.

P. sordida (Peniophora cremea) (C:289): on 1 Que [969]. See *Abies*.

Phellinus ferreus (Poria f.) (C:290): on 3 BC [1012]. See *Acer*.

P. ferrugineofuscus (Poria f.) (C:290): on 1 Man [579]; on 3 BC [1012]. See *Abies*.

P. nigrolimitatus (Fomes n.) (C:289): white pocket rot, carie blanche alvéolaire: on 3 BC [1012]. See *Abies*.

P. pini (Fomes p.) (C:289): red ring rot, carie blanche alvéolaire: on 3 BC [1012]. See *Abies*.

P. punctatus (Poria p.): on 3 BC [1012]. See *Abies*.

P. repandus (Fomes r.): on 3 BC [1012, F67]. See *Pseudotsuga*.

P. viticola (Fomes v.): on 3 BC [1012, 1341]. See *Abies*.

P. weirii (Poria w.) (C:290): yellow ring rot, carie jaune annelée: on 3 BC [1012, 1142, 1341]. See *Abies*.

Phialophora botulispora: on 4 Ont [279].

Phlebia centrifuga (P. albida auct.) (C:289): on 3 BC [1012]. See *Abies*.

P. flavoferruginea (Peniophora f.) (C:289): on 3 BC [1012, 1341]. See *Pinus*.

Phlogiotis helvelloides: on 4 Ont [1341]. Typically on well-rotted wood.

Pholiota decorata (Flammula d.) (C:289): on 3 BC [1012]. See *Pseudotsuga*.

Phoma sp.: on 3 BC [1012].

Phomopsis sp.: on 3 BC [1012].

Phomopsis juniperovora (C:289): blight, brûlure phomopsienne: on 1 BC [508, F73]; on 1a BC [1012].

Piloderma bicolor (Corticium b.) (C:288): on 3 BC [1012]. See *Abies*.

Pithya cupressina (C:289): on 3 BC [1012].

Pleospora herbarum (anamorph *Stemphylium botryosum*): on 2a BC [1012].

Pleurocybella porrigens (Pleurotus p.): on 1 Ont [1341]. See *Abies*.

Pleurotus sp.: on 3 BC [1012].

Polyporus hirtus: on 3 BC [1012, F61]. See *Abies*.

P. varius (P. elegans) (C:289): on 3 BC [1012]. See *Abies*.

Poria sp.: on 1 Ont [1341]; on 4 NB [1032].

P. rivulosa (P. albipellucida) (C:290): on 3 BC [1012, 1854]. See *Abies*.

P. sequoiae (C:290): on 3 BC [1012].

P. subacida (C:290): on 1 Ont [1341], Que [1377], NB [1032]; on 3 BC [1012]. See *Abies*.

Psathyrella sp.: on 3 BC [1012].

Pseudotomentella humicola: on 1 Ont [926, 1341].

P. mucidula (Tomentella m.): on 1 Ont [1881]; on 3 BC [1012, 1341].

P. tristis: on 1 Ont [1828].

P. vepallidospora: on 3 BC [1012, 1341].

Ramaricium alboflavescens: on 1, 4 Ont [572]. See *Abies*.

Resinicium bicolor (Odontia b.) (C:289): white stringy rot, carie blanche filandreuse: on 3 BC [1012]. See *Abies*.

Riessia semiophora: from old wharf of 3 BC [783].

Schizophyllum commune (C:290): on 3 BC [1012]. See *Abies*.

Scirrhia conigena (Mycosphaerella c.): on 1 Ont [1340].

Sclerophoma pithyophila (holomorph *Sydowia polyspora*): on 4 Ont [F68].

Scytinostroma galactinum: on 1 Ont [1341]; on 3 BC [1012]. See *Abies*.

S. ochroleucum (C:290): on 3 BC [1012].

Scytinostromella humifaciens (Peniophora h.) (C:289): on 3 BC [1012]. See *Pseudotsuga*.

Seiridium sp.: on 1 BC [508]; on 1a BC [1012].

S. cardinale: on 3 BC [508].

Serpula himantioides: on 3 BC [1012]. See *Abies*.

S. lacrimans: on 3 BC [1012]. See *Abies*.

Sistotrema brinkmannii: on 3 BC [1012]. See *Abies*.

Skeletocutis nivea (Polyporus semipileatus) (C:289): on 3 BC [1012]. See *Amelanchier*.

S. subincarnata (Poria s.) (C:290): on 1 NB [1032]; on 3 BC [1012]. See *Abies*.

Sphaeropsis sapinea (Macrophoma s.): on 1 Que [1687].

Sporidesmium achromaticum: on 1 Man [1760].

S. coronatum: on 1 Man [1760].

S. larvatum: on 1 Ont [824].

Stigmina thujina (Sciniatosporium t.): on 3 BC [1012, 1127].

Subulicium lautum: on 1 Ont [744].

Sydowia polyspora (anamorph *Sclerophoma pithyophila*): on 1 Que [1686, F68]; on 3 BC [1012].

Taeniolella rudis: on 1 Ont, Que [815].

Thelephora sp.: on 3 BC [1828].

T. terrestris: on 3 BC [1012, 1341]. See *Pinus*.

Tomentella sp.: on 1 Ont [1341].

T. avellanea: on 3 BC [1012, 1341].

T. brevispina: on 1 Ont [1341].

T. bryophila (T. pallidofulva): on 1, 4 Ont [1828].

T. coerulea (T. papillata): on 1 Ont [929, 1341, 1828].

T. ellisii (T. microspora): on 1 Ont [929, 1341]; on 3 BC [929, 1341]; on 4 Ont [1827].

T. ferruginea: on 3 BC [1012].

T. nitellina: on 1 Ont [1341]; on 3 BC [1341].

T. ramosissima (T. fuliginea): on 3 BC [1012, 1341].

T. subclavigera: on 1 Ont [1341].

T. sublilacina: on 1 Ont [1341, 1827]; on 3 BC [1341].

T. terrestris (T. badiofusca, T. umbrinella): on 1 Ont [1341, 1827]; on 3 BC [1827].

Tomentellastrum badium (Tomentella fimbriata): on 1 Ont [1341].

Tomentellina fibrosa (Hypochnus canadensis, Kneifiella f.): on 1 Ont [1341]; on 3 BC [924].

Trechispora mollusca (Poria candidissima, T. onusta) (C:290): on 3 BC [1012]; on 4 NB [1032]. See *Abies*.

T. vaga: on 3 BC [1012]. See *Abies*.

Trichaptum abietinus (Hirschioporus a., Polyporus a.) (C:289): on 1 NB [1032]; on 3 BC [1012, 1341]; on 4 NB, NS [1032]. See *Abies*.

Trichoderma sp.: on 3 BC [1854].

Triposporium sp.: on 4 NB [1032].

Truncatella angustata (Pestalotia truncata): on 3 BC [1012].

Tubercularia sp.: on 3 BC [1012].

Tubulicrinis chaetophorus: on 3 BC [1012]. See *Picea*.

T. glebulosus (T. gracillimus): on 3 BC [1012]. See *Abies*.

Tympanis laricina (anamorph *Sirodothis* sp.): on 1 Que [1221].

T. hypopodia (T. piceina): on 1 Que [1688].

T. pithya: on 1 Que [1688].

Tyromyces balsameus (Polyporus b.) (C:289): on 1 Que [1377]; on 3 BC [1012]. See *Abies*.

T. caesius (Polyporus c.) (C:289): on 3 BC [1012]. See *Abies*.

T. placenta (Poria p., P. monticola) (C:290): on 3 BC [1012]. See *Pinus*.

T. sericeomollis (Polyporus s., Poria s.) (C:290): on 3 BC [1003, 1012, 1341]. See *Abies*.

T. stipticus (Polyporus immitis) (C:289): on 3 BC [1012]. See *Abies*.

T. undosus (Polyporus u.) (C:289): on 3 BC [1012]. See *Abies*.

Valsa sp.: on 3 BC [193].

V. abietis: on 3 BC [1012].

V. thujae: on 1 Que [1689].

Vararia pallescens (C:290): on 3 BC [1012]. See *Acer*.

V. racemosa (C:290): on 3 BC [1012]. See *Abies*.

Velutarina rufo-olivacea: on 3 BC [508, 1012].

Vesiculomyces citrinus (Gloeocystidiellum c.): on 3 BC [1012]. See *Abies*.

Vestigium felicis: on 3 BC [1361].

Xeromphalina campanella (C:290): on 3 BC [1012]. See *Abies*.

Zalerion maritimum: on submerged panels of 3 BC [782].

TIARELLA L. SAXIFRAGACEAE

1. *T. cordifolia* L., foamflower, tiarella à feuilles cordées; native, Ont-NS.
2. *T. trifoliata* L., three-leaf foamflower, tiarelle trifoliée; native, BC-Alta. 2a. *T. t.* ssp. *t.* var. *laciniata* (Hook.) Wheelock (*T. l.* Hook.), cut leaf foamflower, tiarelle laciniée; native, BC. 2b. *T. t.* ssp. *unifoliata* (Hook.) Kern. (*T. u.* Hook.), leafy foamflower, tiarelle monofoliée; native, BC-Alta.

Puccinia heucherae (C:290): rust, rouille: on 2b BC [1012].

P. heucherae var. *heucherae* (C:290): rust, rouille: III on 1 Ont [1236, 1560]; on 2 X 2a hybrid, 2, 2b BC [1560]; on 2, 2b BC [1816]; on 2b Alta [1560].

TILIA L. TILIACEAE

1. *T. americana* L., (*T. glabra* Veut.), basswood, bois blanc; native, Sask-NB.
2. *T. cordata* Mill., littleleaf linden, tilleul à petites feuilles; imported from Europe.
3. *T. europaea* L., European linden, tilleul de Hollande; imported from Europe.
4. *T. platyphyllos* Scop., bigleaf linden, tilleul à grandes feuilles d'Europe; imported from Europe.
5. Host species not named, i.e., reported as *Tilia* sp.

Albatrellus peckianus (Leucoporus p.): on 1 Que [1385]. See *Fagus*.

Apiognomonia tiliae (Gnomonia t.) (anamorph *Gloeosporium t.*) (C:291): on 1 Que [333], NB [F63]; on 1, 2, 5 NS, PEI [1032]; on 1, 5 NB [1032]; on 2 Nfld [333]; on 3 PEI [333, 334].

Ascotremella faginea: on dead trunks of 1 Que [1385].

Asteroma canadense: on 1 Ont [195].

Bjerkandera adusta (Polyporus a.) (C:291): on 1 Ont [1341]. See *Abies*.

Catenuloxyphium semiovatum: on live leaves, branches and trunks of 1 Ont [798].

Cenococcum graniforme: on 1 Ont [1227, 1228, 1229].

Ceratocystis spinulosa: on 1 Ont [647]; on 1, 5 Ont [1340].

Cercospora microsora (C:290): leaf spot, tache des feuilles: on 1 Que [339, 1377], NB, NS, PEI [1032], NS [333], PEI [F71]; on 5 BC [1816], NB, PEI [1036].

Ceriporia spissa (Poria s.): on 1 Ont [1341]. See *Acer*.

Cerrena unicolor (Daedalea u.): on 1 Ont [1341]; on 5 Ont?, Que [1855]. See *Acer*.

Cladosporium sp. (C:290): on 3 BC [1012, 1816].

Coriolus hirsutus (Polyporus h.) (C:291): on 1 Ont [1341]; on 3 NB [1032]. See *Abies*.

C. versicolor (Polyporus v.): on 1, 5 NB [1032]; on 5 Ont [1341]. See *Abies*.

Coronicium alboglaucum: on 5 Ont [967]. See *Acer*.

Cristinia helvetica (Corticium h.): on 5 Ont [1341]. See *Pinus*.

Corynespora olivacea: on 1 Man [442, 1760], Ont [F67, F68]; on 1, 5 Ont [442, 1340]; on 5 Ont [1762]. Apparently the same fungus is also named *Helminthosporium oligosporum*.

Cryptodiaporthe sp.: on 1 Que [F63].

Cryptospora sp.: on 1, 5 Ont [1340].

C. tiliae: on 1, 5 Ont [1340].

Cytospora sp.: on 5 Ont [1340].

Daldinia concentrica: on 1 Ont [1340].

Dendrophoma tiliae: on 1 Ont [F63]; on 5 Ont [1340].

Dendrothele griseo-cana (Aleurocorticium g.): on 1 Ont [965]. See *Acer*.

D. microspora (Aleurocorticium m.): on 1 Ont, Que [965]. See *Betula*.

Diaporthe sp.: on 1 Que [F69].

Discula umbrinella (D. quercina) (holomorph *Apiognomonia errabunda*): on 1 NB, NS, PEI [1036]; on 5 PEI [1036].

Doratomyces stemonitis: on submerged wood of 5 NB [788].

Elsinoe tiliae (C:291): anthracnose, anthracnose: on 1, 5 NS [1032]; on 4 NS [333].

Endophragmiella subolivacea: on 1 Que [804, 808].

Flammulina velutipes (Collybia v.) (C:290): white spongy rot, carie blanche spongieuse: on 1 Ont [1150]. See *Fagus*.

Fumago vagans: on 5 Ont [798]. See comment under *Corylus*.

Ganoderma applanatum (Fomes a.) (C:291): white mottled rot, carie blanche spongieuse: on 1 Ont [1341], Que [1377]. See *Abies*.

Gloeosporium tiliae (holomorph *Apiognomonia t.*) (C:291): anthracnose, anthracnose: on 1 PEI [F64]; on 4 BC [1012]; on 5 BC [1816], Ont [336].

Graphostroma platystoma: on 1 Que [1343].

Helminthosporium oligosporum: on 1 Que [303, 305]. See under *Corynespora olivacea*.

Hercospora tiliae: on 1 Que [1685, F71]; on 5 Ont [1340].

Holwaya gigantea: on 1 Ont [1340].

H. mucida (Chlorosplenium canadense): on 5 Ont [405, 898].

Hygrophorus chrysodon: on 1 Ont [1230].

Hyphoderma setigerum (Peniophora aspera): on 1 NS [1032]. See *Abies*.

Irpex lacteus (Polyporus tulipiferae): on 1 Ont [1341]. See *Acer*.

Ischnoderma resinosum (Polyporus r.): on 1 Ont [1341]. See *Abies*.

Kavinia himantia: on 1 Ont [1341]. See *Acer*.

Lachnella tiliae (C:291): on 1 Ont [F62]; on 5 Ont [1340].

Macrophoma sp.: on 1 Ont [1828].

M. tiliacea: on 1 Ont [1340].

Melanconis sp.: on 5 Ont [1340].

Menispora glauca: on 5 Ont [1828].

Meruliopsis corium: on 5 Ont [568]. See *Acer*.

Mycena meliigena (M. corticola Amer. auct.*)*: on 1 Que [F66].

Nectria cinnabarina (anamorph *Tubercularia vulgaris*) (C:291): on 1 Ont [1340], PEI [F72]; on 1, 5 PEI [1032]; on 5 Que [335].

Oedemium didymum (holomorph *Chaetosphaerella fusca*): on 1 Ont [821].

Olpitrichum patulum: on dead twigs of 1 Ont [765].

Ophiognomonia melanostyla: on 5 Ont [79].

Patellaria atrata: on 5 Ont [1340].

Penicillium sp.: on 5 Ont [1340].

Peniophora cinerea: on 1 Ont [1341]. See *Abies*.

Peziza varia: on rotting branches of 1 Ont [574].

Phellinus gilvus (Polyporus g.): on 1 Ont [1341]. See *Abies*.

P. igniarius (Fomes i.) (C:291): white trunk rot, carie blanche du tronc: on 1, 5 Ont [1341]. See *Acer*.

Pholiota sp.: on 1 Que [1377].

Phragmodiaporthe tiliacea (Diaporthe t.) (C:291): on 1 Ont [F63]; on 1, 5 Ont [1340].

Phyllosticta tiliae (C:291): on 1 Ont [1340].

Pleurotus ostreatus: on 1 Que [1377]. See *Abies*.

Plicatura crispa (Trogia c.): on 1 Ont [1341]. See *Acer*.

P. nivea: on 1 Ont [563, 568, 1341]. See *Acer*.

Sphaeronaema robiniae: on 1 Ont [1340].

Tomentella sp.: on 1 Ont [1341].

T. cinerascens: on 1 Ont [1341].

T. griseoviolacea: on 1 Ont [929, 1341, 1828].

T. neobourdotii: on 1 Ont [1341].

T. pilosa: on 5 Ont [1881].

T. ramosissima (T. fuliginea): on 1 Ont [1341].

T. rubiginosa (T. subrubiginosa): on 1 Ont [1881].
T. ruttneri: on 1 Ont [1341]; on 5 Ont [928].
Tubercularia sp.: on 5 Ont [1340].
T. vulgaris (holomorph *Nectria cinnabarina*): on 1 NB, PEI [F64]; on 5 Que [F64].
Uncinula clintonii (C:291): powdery mildew, blanc: on 1 Ont, Que [1257], Que [333, 1377].
Xenasma pulverulentum: on 1 Ont [967]. Lignicolous.

TOFIELDIA Huds. LILIACEAE

1. *T. pusilla* (Michx.) Pers. (*T. palustris* Am. auct., *T. borealis* Wahlenb.); native, Yukon-Labr., se. BC, Man, Ont-Que.

Chalara fusidioides: on old leaves of 1 Frank [1165].

TOLMIEA Torr. & Gray SAXIFRAGACEAE

1. *T. menziesii* (Pursh) Torr & Gray, pickaback plant; native, BC.

Puccinia heucherae var. *heucherae* (C:291): rust, rouille: on 1 BC [1012, 1560, 1816].

TORREYOCHLOA Church GRAMINEAE

Weak-stemmed perennial grass of wet habitats, native to North America and e. Asia.

1. *T. pallida* (Torr.) Church (*Glyceria pallida* (Torr.) Trin.); native, Ont-Que, NS.
2. *T. pauciflora* (Presl) Church, (*Glyceria p.* Presl); native, Yukon, BC-Alta.

Puccinia coronata: rust, rouille: on 2 BC [1012].
Stagonospora glycericola: on 1 Que [1729].

TOVARA Adans. POLYGONACEAE

1. *T. virginiana* (L.) Raf., jumpseed, native, s. Ont (n. to Waterloo Co.)-Que (n. to Beauport, near Quebec City), reported from PEI and NS.

Puccinia polygoni-amphibii: rust, rouille: II III on 1 Ont [1236].

TRAGOPOGON L. COMPOSITAE

1. *T. porrifolius* L., salsify or oyster plant, salsifis cultivé; imported from Europe, a garden escape, BC-Alta, Man-NS.
2. *T. pratensis* L., goat's beard, salsifis des prés; imported from Eurasia, introduced, BC-PEI.

Albugo tragopogonis (C:291): white rust, albugine: on 1 Que [339]; on 2 BC [1816], Que [714].
Erysiphe cichoracearum: powdery mildew, blanc: on 2 Ont [1257].
Mycosphaerella tassiana var. *tassiana*: on 2 Sask [1327].
Puccinia hysterium: rust, rouille: on 2 Ont, Que [1286].
Verticillium dahliae: on 2 BC [1816, 1978].

TRAUTVETTERIA Fisch. & Mey. RANUNCULACEAE

1. *T. caroliniensis* (Walt.) Vail, tassel-rue; native, BC. The BC plant may be referred to as *T. c.* var. *occidentalis* (Gray) Hitchc. (*T. grandis* Nutt.), false bugbane, traut vettérie.

Puccinia pulsatillae (C:292): rust, rouille: on 1 BC [1816].
Ramularia trautvetteriae (C:292): on 1 BC [1012, 1816].

TRIDENS Roem. & Schult. GRAMINEAE

1. *T. flavus* (L.) Hitchc. (*Triodia f.* (L.) Smyth.); imported from e. USA.

Puccinia windsoriae (C:295): rust, rouille: II III on 1 Ont [1236].

TRIENTALIS L. PRIMULACEAE

1. *T. borealis* Raf., American starflower, trientale boréale; native, Yukon, BC-Nfld, Labr. 1a. *T. b.* ssp. *b.* (*T. americana* (Pers.) Pursh); native, Man-Nfld, Labr. 1b. *T. b.* ssp. *latifolia* (Hook.) Hult. (*T. latifolia* Hook.); native, Yukon, BC.
2. *T. europaea* L., European starflower; native, Mack, BC-Alta. Most of the Canadian plants are referable to 2a. *T. e.* ssp. *arctica* (Fisch.) Hult. (*T. arctica* Fisch.).

Puccinia karelica (C:292): rust, rouille: 0 I on 1a Ont [1236]; on 2 BC [1550, 1816]; on *T.* sp. NS [1550].
P. karelica ssp. *karelica*: rust, rouille: on 2 BC [1550].
P. karelica ssp. *laurentina*: rust, rouille: on 1 Ont, NS, Nfld [1550].
P. limosae (P. caricina var. *l.)* (C:292): rust, rouille: on 2a BC [1012].
Septoria trientalis (S. increscens) (C:292): on 1 Que [282]; on 1b BC [1012, 1816].
Urocystis trientalis (Tuburcinia t.) (C:292): smut, charbon: on 1b BC [1012, 1816].

TRIFOLIUM L. LEGUMINOSAE

1. *T. dubium* Sibth., suckling clover, trèfle douteux; imported from Europe, introduced, BC, Ont, NB-PEI.

2. *T. hybridum* L., alsike clover, trèfle hybride; imported from Eurasia, introduced, Yukon-Mack, BC-Nfld, Labr.
3. *T. incarnatum* L., crimson clover, trèfle incarnat; imported from Europe, escaped from cultivation, BC, Ont.
4. *T. microcephalum* Pursh; native, BC.
5. *T. pratense* L., red clover, trèfle rouge; imported from Eurasia, natzd., Yukon-Mack, BC-Nfld, Labr.
6. *T. procumbens* L., low hop clover, trèfle couché; imported from Europe, introduced, BC, Sask-Nfld.
7. *T. repens* L., white clover, trèfle blanc; imported from Eurasia, introduced, Yukon-Mack, BC-Nfld, Labr.
8. *T. subterraneum* L., subterranean clover, trèfle souterrain; imported from Europe.
9. *T. wormskjoldii* Lehm. (*T. fimbriatum* Lindl.); native, BC.
10. Host species not named, i.e., reported as *Trifolium* sp.

Absidia sp.: on 5 PEI [1973].

Acremonium boreale: on 2, 5, 7 BC, Alta, Sask and on 2, 7 Man, Ont [1707].

Alternaria sp.: on 5 Que [34], PEI [1973].

Ascochyta sp.: on 5 Que [34].

A. viciae (A. meliloti) (C:292): black stem, tige noire: on 2, 5 Alta [119, 121, 123, 124].

Aspergillus sp.: on 5 Que [34].

Aureobasidium caulivorum (Kabatiella c.) (C:293): northern anthracnose, anthracnose septentrionale: on 2, 5 BC [1816], BC, Alta [334]; on 5 BC, Alta [337, 338], Alta [117, 119, 121, 123, 124, 339], Alta, PEI [336, 1594], Sask [694], PEI [335, 1974]; on 10 Alta, Sask, NB [333], NB [1195].

Botrytis sp.: on 5 Que [34], PEI [1973].

B. cinerea (holomorph *Botryotinia fuckeliana*) (C:293): on 5 PEI [1974].

Camposporium sp.: on 5 PEI [1973].

Cercospora zebrina (C:292): leaf spot, rayure nervale: on 5 PEI [335]; on 7 Que [32]; on 10 Que [335].

Chaetomella sp.: on 5 Que [34].

Chaetomium sp.: on 5 PEI [1973, 1975].

C. cochliodes: on 5 Que [34].

C. crispatum: on 5 Que [34].

C. dolichotrichum: on 5 Que [34].

C. globosum: on 5 Que [34].

Cladosporium sp.: on 5 Que [34], PEI [1973].

Colletotrichum sp.: on 5 Que [34].

C. trifolii: on 5 PEI [1974].

Coniothyrium sp.: on 5 Que [34].

Cylindrocarpon sp.: on 5 PEI [1973].

C. ehrenbergii (C:292): root rot, chancre des racines: on 5 Sask [334], Que [34]. This name is considered to be a nomen nudum [247].

C. destructans (C. radicicola): on 5 Que [34].

Diplodia sp.: on 5 Que [34].

Drechslera phlei: on 5 Ont [674].

Erysiphe communis (E. polygoni) (C:293): powdery mildew, blanc: on 2 BC, Alta, PEI [338], Alta [1594]; on 2, 5 BC, Alta [334, 336, 337], BC, Ont [1257], Alta [119, 121, 123, 124, 339], Que [337, 339], PEI [335, 336, 1974]; on 2, 5, 7 Que [32]; on 5 BC, Alta, NB, PEI [333], BC, Sask [335], Sask [694], Sask, Man, Que, NB, NS [1257], NB [339, 1195], NS [337], PEI [334, 1594]; on 6 Ont [1257]; on 7 BC [337], Que [339], PEI [336, 338]; on 10 Sask, NB, NS [333].

Fusarium sp.: on 2 Que [32]; on 5 PEI [1594, 1973, 1975].

F. avenaceum (C:293): on 2 Que [31, 338, 339].

F. culmorum (C:293): on 2 Que [31, 338, 339].

F. oxysporum (C:293): on 2 Que [31, 338, 339]; on 5 Que [34], PEI [1810] by inoculation.

F. roseum: on 5 Que [34], PEI [1810] by inoculation.

F. solani (holomorph *Nectria haematococca*) (C:293): on 5 Que [34], PEI [1810] by inoculation.

Gliocladium sp.: on 5 PEI [1973, 1975].

Leptosphaeria pratensis (anamorph *Stagonospora meliloti*) (C:293): on 2 Alta [124]; on 2, 7 Alta [119, 121, 123].

Leptosphaerulina trifolii (Pseudoplea t.) (C:293): pepper spot, tacheture noire: on 2, 5, 7 Alta [121], PEI [1974]; on 2, 7 Alta [119, 123, 124]; on 5, 7 BC [339, 1594], PEI [335].

Low-temperature Basidiomycete (C:292): snow mold, moississure des neige; winter crown rot, pourridié hibernal: on 2 Sask [335]; on 2, 5 Alta [336]. Sask [334]; on 5 BC [1816], BC, Alta [334]; on 10 Alta [333]. See comment under *Medicago*.

Macrosporium sp.: on 5 PEI [1973].

Microsphaera penicillata: powdery mildew, blanc: on 6 Que, NS [1257].

Monilia sitophila (holomorph *Neurospora s.*): on 5 Que [34].

Mucor sp.: on 5 Que [34], PEI [1973].

Mycosphaerella killianii (Cymadothia trifolii) (anamorph *Polythrincium t.*) (C:292): sooty blotch, tache de suie: on 2 Alta [119], Alta, PEI [338]; on 2, 5 Alta [1594], Que [337], PEI [336]; on 2, 5, 7 Alta, Que [339], Que [32], PEI [335, 1974]; on 2, 7 Alta [121, 123, 124]; on 2, 5, 7, 9 BC [1816]; on 5, 7 NB [1195]; on 7 Alta [335], NB [333]; on 7, 9 BC [1012]; on 10 NS [333].

Nigrospora sp.: on 5 PEI [1973].

Oidium sp.: powdery mildew, blanc: on 2 BC [1816].

Papularia sp.: on 5 Que [34], PEI [1973].

Penicillium sp.: on 5 Que [34], PEI [1973, 1975].

Peronospora trifoliorum (C:293): downy mildew, mildiou: on 1 BC [1816].

Peziza ostracoderma: on 5 Que [34].

Phoma sp.: on 2 Alta [334]; on 2, 5 PEI [336]; on 5 Que [34], PEI [1973, 1975].

P. medicaginis (Ascochyta imperfecta): on 2, 5 Alta [338]; on 5 Alta [1594], Sask [694]. The name appeared in [1594] as *A. "medicaginis* Pk.".

P. sclerotioides (Plenodomus meliloti) (C:293): brown root rot, pourridié-plénodome: on 10 Yukon [337], Alta [336].

P. medicaginis var. *pinodella (P. trifolii)* (C:293): black stem, tige noire: on 2 Alta [1594]; on 2, 5 PEI [1974]; on 5 Que [32, 339].

P. terrestris (Pyrenochaeta t.): on 5 Que [34].

Phytophthora megasperma: on 5 Ont [240] by inoculation.

Polythrincium trifolii (holomorph *Mycosphaerella killianii*): on 10 Man [1760].

Pseudopeziza trifolii (C:293): common leaf spot, taché commune: on 2, 5 NB [1195]; on 5 BC [1012].

P. trifolii f. sp. *trifolii-pratensis* (C:293): on 2, 5 Que [337], PEI [336]; on 2, 5, 7 PEI [1974]; on 5 BC [1816], Que [32, 339], PEI [338]; on 10 NB [333].

P. trifolii f. sp. *trifolii-repentis* (C:293): on 7 BC [1816].

Rhizoctonia sp.: on 5 Que [34], PEI [1973, 1975].

R. leguminicola: on 5 Alta [125]. Black-patch, not previously known in Canada, was found in 1977 naturally infecting fields in Alta.

R. solani (C:293): stunt, nanisme: on 5 Ont [243].

Rhizopus sp.: on 5 Que [34], PEI [1973].

Sclerotinia sp.: on 5 Sask, Man [1138], Que [34].

S. sclerotiorum (C:293): sclerotinia stem rot, pourriture sclérotique: on 2, 5 Alta [892]; on 5 Sask [1140]; on 10 received from BC [334].

S. trifoliorum (S. trifolii) (C:293): sclerotinia wilt, flétrissure sclérotique: on 1, 5, 8 BC [1816]; on 2, 5 PEI [1974]; on 5 Que [32, 63 by inoculation, 339, 391, 450], PEI [338, 1594, 1976].

Stagonospora meliloti (Ascochyta medicaginis) (holomorph *Leptosphaeria pratensis*): on 2, 5 Alta [339]; on 10 Alta [338].

S. recedens (C:293): leaf spot, tache stagonosporéenne: on 5 Alta [119, 121, 123, 124]; on 5, 7 BC [1816].

Stemphylium sp.: on 5 Que [34].

S. botryosum (holomorph *Pleospora herbarum*) (C:293): leaf spot, tache stemphylienne: on seeds of 5 Ont [667].

S. sarcinaeforme (C:293): target spot, tache zonée: on 2 BC, Alta [334]; on 5 BC [1816], Ont [419, 667 on seeds], Que [32, 339], PEI [334, 335, 336, 1974], PEI, Nfld [333]; on 10 Sask [333].

Stilbella flavescens: on roots of 10 Que [451].

Stysanus medius: on 5 Que [34].

Trichoderma sp.: on 5 PEI [1973].

T. album: on 5 Que [34].

T. viride: on 5 Que [34]. See *Abies*.

Uromyces minor (C:293): rust, rouille: on 1, 4 BC [1012, 1816].

U. nerviphilus (C:293): vein rust, rouille des nervures: 0 I III on 7 BC [1012, 1816], BC, Ont, Que [336], Ont [1236], PEI [1974].

U. striatus (C:294): rust, rouille: II III on 6, 10 Ont [1237].

U. trifolii-repentis: rust, rouille: on 2 Que [282]; on 5 BC [1012].

U. trifolii-repentis var. *fallens (U. fallens)* (C:293): rust, rouille: on 5 Que [32].

U. trifolii-repentis var. *t.-r. (U. trifolii)* (C:294): rust, rouille: on 2 BC [336, 337], Alta [119, 338, 339, 1594], PEI [335]; on 2, 3, 5, 7, 8 BC [1816]; on 2, 5 Ont [1237], Que [337]; on 2, 5, 7 Alta [118], Ont [1236], PEI [336, 338, 1974]; on 2, 7 Alta [121, 123, 124, 337]; on 5 Que [336, 339], NB [1195], PEI [334, 335, 1594]; on 7 Alta [336]; on 10 Ont [1341], NB, NS, PEI [333].

Verticillium sp. (C:294): wilt, flétrissure verticillienne: on 5 Que [1296]; on 10 Que [1295].

V. albo-atrum: on 2, 5, 7 Que [36]; on 7 Que [35]; on 10 Ont [37].

V. dahliae: on 2, 5, 7 Que [36]; on 5 Ont [35, 36, 38]; on 7 BC [1978], Que [38].

V. nigrescens: on 5 Que [39, 38].

Wardomyces anomala: on 5 Que [34].

Zygorhynchus sp.: on 5 PEI [1973].

TRIGLOCHIN L. ALISMATACEAE

Perennials of cosmopolitan range with rush-like fleshy basal leaves. Two species in Canada.

Pleospora triglochinicola (P. maritima) (anamorph *Stemphylium t.*) (C:294): Conners listed *P. maritima* as a synonym of *P. herbarum*. Now it is considered distinct with a quite different *Stemphylium* state.

Venturia juncaginearum (Mycosphaerella j.) (anamorph *Asteroma j.*) (C:294): on *T.* sp. NWT, Nfld [73].

TRILLIUM L. LILIACEAE

1. *T. erectum* L., purple trillium, trille rouge; native, Man-NS.
2. *T. grandiflorum* (Michx.) Salisb., white trillium, trille blanc; native, Ont-Que.
3. *T. ovatum* Pursh, western wakerobin; native, BC-Alta.

Urocystis trillii (C:294): smut, charbon: on 3 BC [1816].

Uromyces halstedii: rust, rouille: 0 I on 1, 2 Que [1236].

TRISETUM L. GRAMINEAE

1. *T. spicatum* (L.) Richter, spike trisetum, trisète à épi; native, Yukon-Labr, BC-Nfld.

Puccinia poae-nemoralis (C:295): rust, rouille: II III on 1 Que [1236].

P. recondita s.l. (C:295): rust, rouille: on 1 Yukon [1731].

TRITICOSECALE Wittmack GRAMINEAE

A cross between *Triticum* and *Secale*, usually referred to as *Triticale* Muntzing.

Claviceps purpurea: ergot, ergot: on *T.* sp. Alta [1594].

Puccinia graminis: rust, rouille: on *T.* sp. Sask [634], Man [631, 632, 633].

Ustilago nuda: smut, charbon: on *T.* sp. Alta [1594].

TRITICUM L. GRAMINEAE

North American wheats were originally introduced from cultivation in Europe and came with the early settlers. More recently wheats have been introduced from centres of origin in w. Asia via breeding. Most commercial varieties (99%) bred and released in Canada or USA have been for North American culture and marketing.

1. *T. aestivum* L., common wheat, blé commun; the major western crop, includes soft or hard, red or white grains. In Canada in 1982 common wheat was planted on 27 million acres and the yield was 843 million bushels.
2. *T. compactum* Host, club wheat; presently no commercial acreage in Canada, although grown in w. USA.
3. *T. monococcum* L., einkorn; no commercial acreage in Canada.
4. *T. turgidum* L. emend Bowden (*T. dicoccum* Schrank, *T. durum* Desf., *T. carthlicum* Nevski), durum wheat, Persian wheat, wild emmer, blé durum, blé de Perse, emmer sauvage; durum wheat is grown on a large scale in w. Canada. This type furnishes the bulk of wheat for the manufacture of semolina, which is made into spaghetti, macaroni and similar products.
5. *T.* x *Agropyron*, hybrid.
6. Host species not named, i.e., reported as *Triticum* sp.

Absidia sp.: on seeds of 1 in storage Man [1665].

A. corymbifera: on seeds of 6 in storage Man [1896].

A. glauca: on seeds of 1 in storage Sask, Man [1895], Man [1665].

A. lichtheimii: on 1 Man [1665].

A. orchidis: on seeds of 1 in storage Sask, Man [1895], Man [1665].

A. ramosa: on seeds of 6 in storage Man [1896].

Acremonium boreale: on 1 BC, Alta, Sask [1707].

Alternaria sp.: on 1 Sask [1594], Man [335, 336, 338], NB, NS, PEI [854]; on 1, 4 Man [334]; on 4 Sask [335].

A. alternata (A. tenuis auct.*)* (C:295): on 1 Sask, Man [1895], Sask, NB [333], Man [1114, 1665 on seeds in storage], NB [1196]; on 6 Man [1896].

Ascochyta sorghi (C:296): leaf spot, tache ascochytique: on 1 Alta [1594], Alta, Sask [333, 336, 337], Sask [334, 335, 338, 339]; on 4 Sask [337].

Aspergillus sp.: on 1 Alta [222], Man [337, 1894 on seeds].

A. amstelodami: on seeds of 6 in storage Man [1896].

A. candidus: on seeds of 6 in storage Man [1896].

A. flavus: on seeds of 1 Sask, Man [1895]; on seeds of 6 in storage Man [1665, 1896].

A. fumigatus: on seeds of 1 Sask, Man [1895]; on 6 Man [1896] in storage.

A. repens: on seeds of 6 in storage Man [1896].

A. ruber (A. sejunctus): on seeds of 6 in storage Man [1896].

A. versicolor: on seeds of 1 in storage Sask, Man [1895]; on seeds of 6 in storage Man [1665, 1896].

Aureobasidium sp. (*Pullularia* sp.): on 6 Ont [1308]. In greenhouse.

Bipolaris sorokiniana (Helminthosporium sativum, H. sorokinianum) (holomorph *Cochliobolus sativus*) (C:296): on 1 BC [334, 1816], Alta [223, 1333, 1602 inocluated on seedlings], Alta, Sask [333, 334, 338], Alta, Sask, Man [335, 336, 337, 339], Sask [47 inoculated onto seeds, 248, 701, 961, 962, 1655], Sask, Man [1071, 1790, 1895 on seeds in storage], Man [672, 1070, 1114], Ont [334, 337, 338], PEI [855]; on 2, 4, 6 Sask [697]; on 4 Sask [335, 1790]; on 6 Sask [698, 700], Man [1896] on seeds in storage. See comment under *Drechslera tritici-repentis*.

B. victoriae (holomorph *Cochliobolus v.*): on 1 BC [1816].

Botryotrichum piluliferum: on seeds of 6 in storage Man [1896].

Cephalosporium sp.: on 1 Ont [1496].

C. acremonium: on 1 Man [1114]. See comment under *Avena*.

Cercosporella herpotrichioides (C:297): eye spot, tache ocellée: on 1 BC [1816], Que [236].

Chaetomium sp.: on 1 Ont [1496].

C. dolichotrichum: on seeds of 6 in storage Man [1896].

C. funicolum: on seeds of 1 in storage Man [1665].

Cladosporium sp.: on 1 Sask, Man [1895], Ont [1496]; on 4 Sask [335].

C. cladosporioides (Hormodendrum c.): on 1 Man [1665]; on 6 Man [1896] on seeds in storage.

C. herbarum (C:297): on 1 Man [1665] on seeds in storage, NB [333, 1196].

Claviceps purpurea (C:297): ergot, ergot: on 1 BC [1816], Alta [223, 334, 335, 337, 1331, 1333], Alta, Sask [338, 339], Sask, Man [337, 1594], Sask, NS [333], Ont [334], Que [335]; on 1, 4 Alta [1598], Sask [336], Sask, Man [335, 1514], Man [1364]; on flowers of 6 Que [1385].

Cochliobolus sativus (anamorph *Bipolaris sorokiniana*) (C:297): on 1 Alta, Sask [959, 963, 1512, 1594, 1689], Sask [199, 247, 960, 1116, 1595, 1876, 1877], Man [963, 1116, 1689], Ont [260], NB, NS, PEI [854]. The average loss caused by Common Root Rot in Sask was 7.4% for 1969-1978. The epidemiology of Common Root Rot in Manitou wheat in Man was described by Verma et al.[1879]

Colletotrichum dematium: on 1 Alta [1595].

C. graminicola (C:298): anthracnose, anthracnose: on 1 Alta [338, 339, 693, 1174], Que [335].

Coprinus sp.: on 1 Man [1820]. Possibly *C. psychromorbidus*.

Cylindrocarpon sp.: on 1 Ont [1496]; on 6 Ont [1308].

Drechslera avenacea (Helminthosporium avenae) (holomorph *Pyrenophora chaetomioides*): on seeds of 1 in storage Sask, Man [1895].

D. teres (Helminthosporium t.) (holomorph *Pyrenophora t.*) (C:298): on seeds of 1 in storage Sask, Man [1895].

D. tritici-repentis (holomorph *Pyrenophora t.-r.*) (C:298): leaf blotch, tache foliaire: on 1 Sask [336, 1869], Sask, Man [1071], Man [339, 672, 1070, 1611], Ont [334]; on 1, 4 Alta [1611], Sask [1870]; on 1, 5 Ont [1611]; on 4 Sask [339]; on 6 Alta, Sask, Man [1790]. Leaf spots, caused by *D. tritici-repentis*, *Bipolaris sorokiniana* and *Septoria avenae* f. sp. *triticea*, caused losses of 2.6 million bushels or 3.5% of the potential production in Man in 1971 [672].

Embellisia chlamydospora (Pseudostemphylium c.): on 6 NWT [1657], Mack [1618].

Epicoccum purpurascens (E. nigrum) (C:298): on 1 Alta [338], Man [1114], Ont [333, 1504]; on 6 Man [1760].

Erysiphe graminis (C:298): powdery mildew, blanc: on 1 BC, Alta [333, 334, 338, 339], BC, Ont, Que [639, 640, 1533], Alta [639, 640, 1331, 1333, 1595], Alta, Ont [335, 336, 337, 1594], Sask [335], Ont [260, 334, 338, 339, 843, 1255], Ont, NB [1257], NB [854], NS, PEI [854, 857], PEI [1594], Maritimes [272]; on 6 Man [1838].

E. graminis f. sp. *tritici* (C:298): powdery mildew, blanc: on 1 NB, NS, PEI [273, 854], PEI [855, 856, 861].

Fusarium sp. (C:298): on 1 BC [334], Alta [223, 335], Alta, Sask [333, 334, 336, 337, 338, 339, 959, 1512, 1513, 1594], Sask [701, 960, 1595], Man [335, 339, 1114, 1513], Ont [335, 337, 338, 1496], Ont, NS, PEI [1594], NB, NS, PEI [854], Maritimes [272]; on 1, 4 Sask [335]; on 6 Sask [698], Ont [1308]. Snow mold caused by *Fusarium* and *Typhula* species caused severe damage (i.e., total loss in some fields) to soft-white-winter wheat in e. and c. Ont in the spring of 1978.

F. acuminatum (C:298): on 1 Alta, Sask [1512], Man [1114].

F. avenaceum (C:298): on 1 Man [1114].

F. culmorum (C:298): on 1 Alta [1602], Alta, Sask [959, 1512, 1513], Sask [1595, 1814], Man [1513], Maritimes [272].

F. equiseti (C:298): on 1 Alta, Sask [1512].

F. nivale: on 1 Alta [956, 1594]. See *Agrostis*.

F. oxysporum (C:298): on 1 Alta, Sask [1512, 1513], Man [1114, 1513].

F. poae (C:298): on 1 Man [335, 1114].

F. sacchari: on 1 Man [1114].

F. sambucinum (C:298): on 1 Man [1114].

F. sporotrichioides (C:298): on 1 Man [1114].

F. sulphureum: on 1 Man [1114].

F. tricinctum: on 1 Man [1114].

Gaeumannomyces graminis (Ophiobolus g.) (C:299): take-all, piétin-échaudage: on 1 BC [1816], Alta [333, 334, 1331, 1602], Alta, Sask [337, 338, 339], Sask [1594, 1595], Sask, Que [336], Ont [337], NB, NS [859].

G. graminis var. *tritici*: on 1 BC, Sask, Ont, Que [1619], Maritimes [273].

Gibberella zeae (anamorph *Fusarium graminearum*): on 1 Alta, Man [337].

Gliocladium sp.: on 1 Ont [1496] in greenhouse.

Gonatobotrys simplex: on overwintered plants of 1 Man [1114]; on 6 in storage Man [1896].

Helminthosporium sp.: on 6 Ont [1308] in greenhouse.

Hormodendrum sp.: on seeds of 1 in storage Sask, Man [1895].

Hymenula cerealis (Cephalosporium gramineum) (C:297): cephalosporium stripe, strie céphalosporienne: on 1 Alta, Ont [334], Ont [333, 843].

Lagena radicicola (C:299): on 1 Ont [1670]; on 6 Alta, Ont [69].

Ligniera pilorum: on 1 Ont [60].

Mucor sp.: on 1 Ont [1496] in greenhouse.

Myriosclerotinia borealis (Sclerotinia b.) (C:302): snow mold, moisissure nivale: on 6 Sask [892].

Nigrospora sp.: on 1 Sask [701].

N. oryzae (holomorph *Khuskia o.*): on 6 Man [1760, 1896 in storage].

N. sphaerica: on 1 Man [334].

Olpidium brassicae (C:299): root necrosis, nécrose des radicelles: on 1 Ont [68, 1670]; on 6 Alta, Ont [69].

Penicillium sp.: on 1 Alta [222], Sask [701], Sask, Man [1895] on seeds in storage, Man [337, 1114, 1894 on seeds], Ont [1496] in greenhouse; on 6 Ont [1308] in greenhouse.

P. aurantiogriseum (P. cyclopium): on seeds of 6 in storage Man [1665, 1896].

P. chrysogenum: on 1 Man [1665]; on seeds of 6 in storage Man [1896].

P. funiculosum: on seeds of 6 in storage Man [1665, 1896].

P. melinii: on 1 Man [1665]; on seeds of 6 in storage Man [1896].

P. patulum: on seeds of 6 in storage Man [1896].

P. piceum: on seeds of 6 in storage Man [1896].

P. viridicatum: on seeds of 6 in storage Man [1896].

Periconia sp.: on 1 Ont [1496]; on 6 Ont [1308] in greenhouse.

Phoma sp.: on 1 Ont [1496]; on 6 Ont [1308] in greenhouse.

Plenodomus sp.: on 1 Alta [337]. Probably *Phoma sclerotioides (Plenodomus meliloti)* which was recorded for the first time on wheat and other cereals in Canada in 1979 in Alta and Sask.

Polymyxa graminis (C:299): root-hair necrosis, nécrose des poils absorbants: on 1 Ont [60, 68, 1670]; on 6 Ont [69].

Pseudoseptoria stomaticola (Selenophoma donacis var. *s.)*: on 1 PEI [1534].

Puccinia graminis (C:300): rust, rouille: on 1 BC [1816], Alta [1331], Alta, Sask, Ont [335, 336, 338], Alta, Sask, NB [333], Sask, Ont, Que [334, 337], Man [635], Man, Que [336], Ont [1236]; on 4 Sask [338].

P. graminis ssp. *graminis* var. *graminis (P. g.* f. sp. *tritici)* (C:300): stem rust, rouille de la tige: on 1 BC [619, 625, 627, 628, 630, 631, 633, 639, 1533], BC, Alta, Sask, Man, Ont [621, 632, 640], Alta [339, 615, 620, 626], Sask [623, 634, 1071, 1594], Sask, Man, Ont [339, 615, 619, 620, 633, 1533], Man [635, 672, 1070, 1071, 1595], Man, Ont, Que [639, 1594], Ont [641, 843], Que [615, 619, 620, 623, 626, 629, 630, 633, 1533], Que, NS [621, 640], NB [619, 1196], NB, NS, PEI [854], NS [628, 1533]; on 1, 3, 4 Man, Ont, Que [625]; on 1, 4 BC [626], Alta [628], Sask, Man, Ont [626, 627, 628, 630, 631], Man, Ont [623, 629], Man, Ont, Que [622, 634], Que [626, 630]; on 4 Man [633].

P. graminis ssp. *graminis (P. g.* var. *tritici)* (C:300): stem rust, rouille de la tige: on 6 Sask [1451].

P. triticina (P. recondita N. Amer. auct., *P. r.* f. sp. *tritici)* (C:302): leaf rust, rouille des feuilles: on 1 BC [1526, 1816], BC, Alta, Sask, Man, Ont, Que [639, 640, 1515, 1516, 1517, 1518, 1520, 1533], BC, Alta, Sask [334, 339], BC, Ont, Que [335, 1519], Alta [223, 337, 1331, 1333, 1522], Alta, Sask, Ont [333, 1594], Alta, Sask, Que, NS [1521], Sask [335, 1523, 1527], Sask, Man [1071, 1528, 1531], Sask, Man, Ont, Que [1529, 1530], Man [339, 672, 1070, 1519, 1594, 1595], Ont [334, 337, 641, 1236, 1531], Que, NB [1524], NB [1196], NB, NS, PEI [333, 639, 640, 854, 1516, 1533], NB, NS, Nfld [1515], NS [1519, 1520, 1522], PEI [1525], Nfld [333, 339, 1533]; on 1, 4 BC [1522], BC, Man, Ont [1521, 1523, 1524, 1525, 1527], Alta, Sask [1524, 1525], Alta, Que, NS [1527], Sask [336, 337, 338], Sask, Man, Ont, Que [1522, 1526], Que [1523], Que, NB [1525], NS [1524]; on 6 Man [484]. This fungus, often labelled *P. recondita* when on *Triticum*, differs from *P. recondita* which occurs on *Secale*, in having an unrelated aecial host and a distinct, although related telial host, and there are slight to marked differences between the spore types of the two fungi (Savile, in litt.). The name *P. triticina* has been widely accepted in Europe and Conners (loc. cit.) seems to have been the first to recognize it in North America. The second most important disease, after bacterial black chaff, leaf rust in Man in 1971 caused a loss of 1.1 million bushels or 1.6% of the potential production [672].

P. striiformis (C:301): stripe rust, rouille jaune striée: on 1 BC [1816], Alta [335, 336, 337, 338, 339, 1594].

Pyrenophora semeniperda (anamorph *Podosporiella verticillata*): on 1 Alta, Sask [1617].

P. tritici-repentis (anamorph *Drechslera t.*) (C:302): on 1 Sask [1369]; on 1, 5 Ont [1611].

Pythium sp. (C:302): browning root rot, piétin brun: on 1 Alta, Sask, Ont [339], Sask [1869, 1870], Ont [1670]; on 6 Alta, Ont [69], Ont [1308].

P. aphanidermatum: on 6 Ont [69].

P. aristosporum (C:302): on 6 Ont [69].

P. arrhenomanes (C:302): browning root rot, piétin brun: on 1 Alta [334], Sask [335, 1869]; on 6 Alta, Ont [69].

P. graminicola (C:302): browning root rot, piétin brun: on 1 Alta, Sask [338], Sask [337].

P. paroecandrum: on 6 Ont [69].

P. tardicrescens (C:302): browning root rot, piétin brun: on 1 Alta [1595]; on 6 Alta, Ont [69].

P. torulosum: on 6 Ont [69].

P. ultimum (C:302): browning root rot, piétin brun: on 6 Ont [69].

P. vanterpoolii: on 6 Ont [69].

P. vexans: on 6 Ont [69].

P. volutum (C:302): browning root rot, piétin brun: on 6 Alta, Ont [69].

Rhizoctonia sp.: on 1 in greenhouse Ont [1496].

R. solani (holomorph *Thanatephorus cucumeris*) (C:302): sharp eye spot, rhizoctone ocellé: on 1 BC [1816].

Rhizophydium graminis (C:302): on 1 Ont [68, 1670]; on 4 Ont [59]; on 6 Alta, Ont [69].

Rhizopus sp.: on 1 Sask, Man [1895] on seeds in storage, Ont [1496] in greenhouse; on 6 Man [1896] in storage, Ont [1308] in greenhouse.

R. arrhizus: on 1 Man on overwintered plants [1114] and on stored seeds [1665].

Sclerophthora macrospora (C:302): downy mildew, mildiou: on 1 NB [333, 1196].

Selenophoma donacis: on 4 Sask [339]. Does not occur on *Triticum*. Pehaps a specimen of *Pseudoseptoria stromaticola*.

Septoria sp.: on 1 BC, Alta, Ont, Que [639, 640, 1533], Alta, Sask [333], Sask [337], Sask, Man, NB, Nfld [639], Man [1594], Ont [1504], NS [333], NS, Nfld [640, 1533], PEI [1533]; on 1, 4 Sask [339].

S. tritici (C:303): speckled leaf blotch, tache septorienne: on 1 BC [1816], Alta [333, 223, 336], Alta, Sask, Man, Ont [334], Ont [843, 1594]; on 1, 4 Sask [335, 336].

Stagonospora avenae f. sp. *triticea* *(Septoria a.* f. sp. *triticea)* (holomorph *Phaeosphaeria avenaria* f. sp. *triticea*): on 1 Alta [338, 1331], Sask [1595], Sask, Man [1071], Sask, Ont [338, 1594], Man [335, 672, 1070], Ont [336, 843], NB, NS, PEI [854]; on 6 Alta, Sask, Man [1790], Sask [339]. See comment under *Drechslera tritici-repentis*.

S. nodorum (Septoria n.) (C:302): glume blotch, tache des glumes: on 1 BC [339, 1816], Alta [223], Alta, Sask [334, 337, 339], Alta, Sask, Ont [338, 1594], Alta, Man, NB [333], Sask [335, 336], Ont [843], NB [1196], NB, NS, PEI [273], NS, PEI [854], PEI [861], Maritimes [272].

Stemphylium botryosum (holomorph *Pleospora herbarum*): on seeds of 1 Ont [667].

Streptomyces sp.: on 1 Sask, Man [1895], Man [1665] on seeds in storage.

S. griseus: on 1 Man [1665].

Thanatephorus cucumeris (Pellicularia filamentosa, P. praticola) (anamorph *Rhizoctonia solani*): on base of stems of 1 Sask [1874].

Tilletia caries (T. foetens, T. foetida, T. tritici) (C:303): common bunt, carie: on 1 BC [1816], Alta [333, 334, 339], Man [1021 by inoculation onto seeds, 1020, 1022], Ont [531], Que [337]; on 6 Sask [1838].

T. controversa (C:303): dwarf bunt, carie naine: on 1 BC [1252, 1816], Alta [333, 335, 339], Ont [333, 1252, 1908].

Trichoderma sp.: on 1 in greenhouse Ont [1496].

Trichothecium roseum (C:303): on seeds of 1 in storage Man [1665].

Typhula sp. (C:303): blight, brûlure: on 1 BC [1816].

Ustilago tritici (C:303): loose smut, charbon nu: on 1 BC [1816], Alta [223, 334], Alta, Man, Ont [338], Sask [333, 334], Sask, Man [1176], Que [337], NB [854], NS, PEI [259, 854], PEI [855]; on 1, 4 Sask [335, 336, 338], Sask, Man [337, 339, 1594], Man [334, 1070, 1071]; on 4 Man [336]; on 6 Sask [1838].

Volutella sp.: on 1 in greenhouse Ont [1496].

Wojnowicia hirta (W. graminis) (C:303): basal rot, piétin tardif: on 1 Sask [1761].

TROPAEOLUM L. TROPAELACEAE

1. *T. majus* L., garden nasturtium, capucine; imported from South America.

Verticillium dahliae: on 1 BC [1978].

TSUGA Carr. PINACEAE

1. *T. canadensis* (L.) Carr., eastern hemlock, pruche; native, Ont-PEI.
2. *T. heterophylla* (Raf.) Sarg., western hemlock, pruche occidentale; native, BC.
3. *T. mertensiana* (Bonq.) Carr., mountain hemlock, pruche de Mertens; native, BC.
4. Host species not named, i.e., reported as *Tsuga* sp.

Acremonium tsugae: on 2 BC [1012].

Aleurodiscus amorphus (C:304): on 3 BC [964]. Probably a specimen of *A. grantii*, see [576]. See *Abies*.

A. aurantius: on 4 Ont [964].

A. farlowii (C:304): on 1 Ont, Que [964]. See *Pseudotsuga*.

A. penicillatus (C:304): on 1 Ont [964]; on 2 BC [964, 1341]; on 2, 3 BC [1012]. See *Abies*.

A. spiniger (C:304): on 2 BC [964, 1012]. See *Larix*.

A. weirii (C:304): on 2 BC [964, 1012]. See *Pseudotsuga*.

Alternaria alternata (A. tenuis auct.*)*: on 1 Que [457].

Amylostereum chailletii: on 2 BC [1012, 1914]; on 4 NS [1032]. See *Abies*.

Anomoporia myceliosa (Poria m.) (C:307): on 2 BC [1012]. See *Picea*.

Antennatula lumbricoidea (Hyphosoma abietis): on 2 BC [1012].

Antrodia heteromorpha (Coriolellus h., Trametes h.) (C:305): on 1, 4 NS [1032]; on 2 BC [1012, 1341]. See *Abies*.

A. lenis (Poria l.) (C:306): on 1 Ont [1341]; on 2 BC [1012]; on 4 NS [1032]. See *Abies*.

A. lindbladii (Poria cinerascens): on 2 BC [1012]. See *Abies*.

A. sinuosa (Poria s.): on 2 BC [1012]. See *Picea*.

Armillaria mellea (C:304): on 1 Ont [F63], NB [1032, F65]; on 1, 4 Ont [1341]; on 2 BC [1012, 1144, 1341]; on 4 NS [1032]. See *Abies*.

Ascobolus epimyces: on 2 BC [1012]. Presumably on rotted wood.

Ascoconidium tsugae (holomorph *Sageria t.*): on 2 BC [498, 1165, F66]; on 2, 3 BC [1012]; on 3 BC [509].

Ascocoryne sarcoides: on 2 BC [455, 1012, 1144].

Asterodon ferruginosus (C:304): on 2 BC [1012, 1341]. See *Abies*.

Atropellis pinicola: on 2 BC [1446].

A. piniphila: on 2 Alta [1446].

Aureobasidium pullulans (Pullularia p.): on 1 Que [457].

Bactrodesmium obliquum: on 2 BC [1012, 1760].

Basidiodendron pini: on 1, 4 Ont [1016]. See *Pinus*.

Basidioradulum radula (Hyphoderma r., Radulum orbiculare) (C:307): on 1 Ont [1341], NS [1032]; on 2 BC [1012]. See *Abies*.

Biatorella resinae (anamorph *Zythia r.*): on 2 infected with dwarf mistletoe BC [51, 1012].

Bothrodiscus obscurus: on 1 Nfld [1163].

Botryosphaeria tsugae: on 2 BC [494, 501, 507, 1012, F64, F68].

Botrytis sp.: on 2 BC [F70].

B. cinerea (holomorph *Botryotinia fuckeliana*): on 2, 3 BC [F76].

Caliciopsis sp. (C:305): on 2 BC [1063].

C. orientalis (C:305): on 1 Ont [493, 1340].

C. pseudotsugae (C:305): on 2 BC [51 host infected with dwarf mistletoe, 493, 1012, F62].

Capnodium spongiosum: on 2 infected with dwarf mistletoe BC [51].

Cephaloascus fragrans (Ascocybe grovesii): on 2 BC [1012, F65].

Cephalosporium sp. (C:305): on 2 BC [1012].

Ceratocystis nigra: on 1 Ont [647, 1340].

C. piceae: on 1 Que [457].

Ceuthospora sp.: on 2 BC [1012].

Chaetoderma luna: on 2 BC [1012]. See *Abies*.

Chlorociboria aeruginascens ssp. *aeruginascens*: on 2 BC [1012].

Chondropodium sp.: on 2 BC [1012].

Chondrostereum purpureum: on 2 BC [1012]. See *Abies*.

Clitocybula familia: on dead trunks of 1 Que [1385]. See *Larix*.

Coccomyces heterophyllae: on 2 BC [500, 1012, 1609].

Colpoma crispum: on 2 BC [1012, 1340].

Columnocystis abietina (Stereum a.) (C:307): on 2 BC [1012, 1341]. See *Abies*.

Coniophora sp.: on 2 BC [1012].

C. arida: on 4 NB [1032]. See *Acer*.

C. puteana (C:305): on 1 NB [1032]; on 2 BC [1012]. See *Abies*.

Coniosporium punctoideum: on 2 BC [1012].

Conoplea juniperi var. *robusta* (C:305): on 2 BC [1012, F63].

Coriolus versicolor (Polyporus v.) (C:306): on 1 Ont [1341]; on 2 BC [1012]; on 4 NS [1032]. See *Abies*.

Cristella sp.: on 1 Ont [1341]. Probably referrable to *Sistotrema* or *Trechispora*.

Crustoderma dryinum: on 2 BC [1012]. See *Abies*.

Cryptoporus volvatus (Polyporus v.) (C:306): on 2 BC [1012]. See *Abies*.

Cryptosporiopsis abietina (Myxosporium a.) (holomorph *Pezicula livida*) (C:306): on 2 BC [1012].

Cucurbidothis pithyophila: on 2 BC [1012, F67].

Cylindrobasidium evolvens (Corticium laeve): on 2 BC [1012]. See *Abies*.

Dacrymyces capitatus (Dacryomitra nuda) (C:305): on 2 BC [1012].

D. palmatus (C:305): on 1 Ont [1341]; on 1, 4 NS [1032]. See *Abies*.

Dacryobolus sudans: on 2 BC [1012]. See *Picea*.

Delphinella strobiligena (C:305): on 1 Ont [1340]; on 4 Ont [F62].

D. tsugae (Mycosphaerella t.): on 1 Ont [1340].

Dermea sp.: on 2 BC [455 from dead branches, 499].

D. balsamea (anamorph *Foveostroma abietinum*) (C:305): on 1 Ont [1340], Que [1690], NB, NS [1032]; on 2 BC [1012]; on 4 Ont [F62].

Diaporthe lokoyae (anamorph *Phomopsis l.*): on 2 BC [501, 1012, F68].

Dichomitus squalens (Polyporus anceps) (C:306): on 2 BC [1012]. See *Abies*.

Dimerium balsamicola (Dimeriella b.): on 2 BC [464].

Diplodia sp.: on 2 BC [F61].

Diplodina sp.: on 2 BC [F66].

Discocainia treleasei (Atropellis t.) (C:305): on 2 BC [1012, 1340, 1446, F66].

Dothiora taxicola (Sphaerulina t.): on 4 NB [1032].

Durandiella tsugae: on 2 BC [51 host infected with dwarf mistletoe, 1012].

Echinodontium tinctorium (C:305): on 2 BC [455, 458, 459, 1063, 1160]; on 2, 3 BC [1012]. See *Abies*.

Epicoccum purpurascens (E. nigrum): on 1 Que [457]; on 2 infected with dwarf mistletoe BC [51].

Epipolaeum tsugae (Dimeriella t.): on 2 BC [464, 1012, 1340, 1615].

Fabrella tsugae (C:305): on 1 Ont [1340, F63], NS [1032, F64].

F. tsugae ssp. *grandispora* (C:305): on 2 BC [897, 1012].

F. tsugae ssp. *tsugae* (C:305): on 4 Que [F64].

Femsjonia peziziformis (F. luteoalba): on 2 BC [1012]. See *Abies*.

Fomitopsis cajanderi (Fomes c.): on 1 NS [1032]. See *Abies*.

F. pinicola (Fomes p.) (C:305): on 1 Ont [1341], NB, NS [1032]; on 2 BC [1150]; on 2, 3 BC [1012]; on ? 4 Ont [1150]. See *Abies*.

F. rosea (Fomes r.) (C:305): on 1 Ont [1341]; on 2 BC [1012]. See *Abies*.

Foveostroma abietinum (Gelatinosporium a.) (holomorph *Dermea balsamea*) (C:305): on 1 Ont [1340].

Fusidium sp.: on 1 Que [457].

Ganoderma applanatum (C:305): on 1 Ont [1341]; on 2 BC [1012, 1341]. See *Abies*.

G. lucidum (C:305): on 1, 4 NB, NS [1032]. See *Abies*.

G. oregonense (C:305): on 2 BC [1012, 1341, 1660]. See *Abies*.

G. tsugae (C:305): on 1 Ont [1341]; on 2 BC [1012]. See *Tsuga*.

Gelatinosporium griseo-lanatum: on 2 BC [517].

G. pinicola (Micropera p.): on 2 BC [1012].

G. stillwellii: on 2 BC [517].

Gloeocystidiellum furfuraceum (Corticium f.) (C:305): on 2 BC [1012]. See *Abies*.

G. ochraceum: on 2 BC [1012]. See *Abies*.

Gloeophyllum sepiarium (Lenzites s.) (C:305): on 1, 4 NS [1032]; on 2 BC [1012]. See *Abies*.

G. trabeum (Lenzites t.) (C:306): brown cubical rot, carie brune cubique: on 1 Ont [1341, F63]. See *Malus*.

Gloeoporus dichrous: on 2 BC [1012]; on 4 log BC [568]. See *Acer*.

Gloiodon sp.: on 2 BC [1012].

Graphium sp.: on 1 Ont [647]; on 2 BC [1144].

Guepiniopsis alpina: on 2 BC [1012]. See *Alnus*.

G. chrysocomus (C:305): on 2 BC [1012]. See *Abies*.

Gymnopilus sapineus (Flammula s.): on 4 Ont [1306].

Gyromitra esculenta: on 2 BC [1012]. Probably on rotted wood.

Haematostereum sanguinolentum (Stereum s.) (C:307): white stringy rot, carie blanche filandreuse: on 1 Ont [1341], Que [1377], NB, NS [1032]; on 2 BC [1144, 1341, 1914]; on 2, 3 BC [1012]; on 3 BC [F65]. See *Abies*.

Helotium sp.: on 2 infected with dwarf mistletoe BC [51].

H. resinicola (anamorph *Stilbella* sp.): on 2 BC [54, 1012, F69]. An Ascomycete which needs to be redisposed.

Henningsomyces pubera: on ? 4 bark BC [1424].

Hericium abietis (C:305): yellow pitted rot, carie jaune alvéolaire: on 2, 3 BC [1012]. See *Abies*.

H. americanum (H. coralloides N. Amer. auct.*)*: on 2 BC [1012]. See *Acer*.

Herpotrichia juniperi: on 2, 3 BC [1012].

Heterobasidion annosum (Fomes a.) (C:305): on 2 BC [1012, 1143, 1144, 1914, 1916, F67]; on 4 BC [F68]. See *Abies*.

Hohenbuehelia angustata: on 1 Que [1385]. See *Betula*.

H. petaloides (Pleurotus p.) (C:306): on 2 BC [1012]. See *Alnus*.

Hymenochaete badioferruginea (C:305): on 2 BC [1012]. See *Abies*.

H. fuliginosa (C:305): on 2 BC [1012]. See *Picea*.

H. tabacina (C:305): on 2 BC [1012]. See *Abies*.

Hyphoderma sambuci (Peniophora s.) (C:306): on 1, 4 NS [1032]. See *Acer*.

H. setigerum: on 2 BC [1012]. See *Abies*.

Hyphodontia arguta: on 2 BC [1012]. See *Abies*.

Hypholoma capnoides (Naematoloma c.): on 2 BC [1012]. See *Abies*.

Hypocrea sp.: on 2 BC [1012].

H. citrina: on 1 NS [1032].

Inonotus dryadeus (Polyporus d.) (C:306): on 2 BC [1012]. See *Abies*.

Ischnoderma resinosum (Polyporus r.) (C:306): on 1 Ont [1341], NS [1032]; on 2 BC [1012]. See *Abies*.

Junghuhnia collabens (Poria rixosa): on 2 BC [1004, 1012]. See *Abies*.

Kuehneromyces lignicola (Naucoria l.) (C:305): on 2 BC [1012]. See *Betula*.

Lachnellula agassizii (Dasyscyphus a.) (C:305): on bark and dead wood of 1 Que [1385]; on 2 BC [51 host infected with dwarf mistletoe, 1012].

Laeticorticium minnsiae (Aleurodiscus m.) (C:304): on 1 Ont [1341], Ont, Que [930]; on 2 BC [930]. See *Abies*.

Laetiporus sulphureus (Polyporus s.) (C:306): on 2 BC [1012]. See *Abies*.

Lasiosphaeria spermoides: on 4 Ont [1340].

Laurilia sulcata: on 2 BC [1012]. See *Abies*.

Lentinellus ursinus: on 1 Que [1385]. See *Abies*.

L. vulpinus (Lentinus v.): on 2 BC [1012]. See *Populus*.

Leucogyrophana mollusca: on 2 BC [1012]. See *Abies*.

L. romellii: on 1 Ont [571]. See *Abies*.

Leucostoma kunzei (anamorph *Cytospora k.*): on 1 Que [457].

Lophium mytilinum: on 2 infected with dwarf mistletoe BC [51].

Lophodermium sp. (C:306): on 2 BC [1012].

Lycoperdon perlatum: puff-ball: on 2 BC [1012]. Probably on well-rotted wood.

L. pyriforme: puff-ball: on 2 BC [1012]. Probably on well-rotted wood.

Macrophoma sp. (holomorph *Botryosphaeria tsugae*): on 2 BC [494].

Melampsora abietis-canadensis (C:306): rust, rouille: on 1 Ont [1827, 1828, F63, F66, F68, F70, F71, F72, F73, F74], Que [1377], NB, NS [F69]; on 1, 4 Ont [1341], NS [1032]; on 4 Ont [F64, F65, F67].

M. epitea f. sp. *tsugae* (C:306): needle rust, rouille des aiguilles: 0 I on 2 BC [F73]; on 2, 3 BC [1012, 2008].

M. farlowii (C:306): rust, rouille: on 1 NS [1032].

M. medusae: rust, rouille: on 3 BC [1012, 2002 by inoculation]; on 4 BC [F65].

Meruliopsis taxicola: on 2 BC [1012]. See *Abies*.

Merulius tremellosus (C:306): on 2 BC [1012]; on 2, 4 BC [568]. See *Abies*.

Microlychnus epicorticis: on 2 BC [506, 1012].

Micropera sp.: on 1 Que [F66]. Probably a specimen of *Foveostroma*.

Mycena sp.: on 2 BC [1012].

M. epipterigea (C:306): on 4 NS [1032].

M. epipterigea var. *lignicola* (C:306): on 4 NS [1032].

M. lilacifolia: on rotten wood of 1 Que [1385].

Mytilidion tortile: on 2 infected with dwarf mistletoe BC [51].

Nectria neomacrospora (N. fuckeliana var. *macrospora)* (anamorph *Cylindrocarpon cylindroides*): on 2 BC [528, 1012]. Commonly associated with open resinous cankers on dwarf mistletoe swellings.

Neournula nordmanensis: on 2 BC [1224].

Nidula candida: bird's nest fungus: on 2 BC [1012]. Probably on rotted wood.

Nidularia sp.: bird's nest fungus: on 2 BC [1012]. Probably on rotted wood.

Nipterella tsugae: on 2 BC [514].

Nitschkia molnarii: on 2 BC [518].

Odontia lactea (C:306): on 2 BC [1012]. See comment under *Abies*.

Onnia circinata (Polyporus c., P. tomentosus var. *c.)* (C:306): on 1 Que [1377]; on 2 BC [1012]. See *Abies*.

O. tomentosa (Polyporus t. var. *t.)*: on 2 BC [1012]. See *Abies*.

Panus sp.: on 2 BC [1012].

Panellus serotinus (Pleurotus s.) (C:306): on 1 NS [1032]; on 2, 3 BC [1012]; on 4 NB [1032]. See *Acer*.

P. stipticus (Panus s.) (C:306): on 3 BC [1012]. See *Alnus*.

Paxillus atrotomentosus (C:306): on 4 Ont [1306]. Typically on rotted wood. See *Pseudotsuga*.

P. panuoides (C:306): on 2 BC [1012, F62]. See *Pseudotsuga*.

Penicillium sp.: on 1 Que [457]; on 2 BC [1144].

Peniophora cinerea (C:306): on 2 BC [1012]. See *Abies*.

P. perexigua (C:306): on 1 Ont [1341].

P. piceae (P. separans) (C:306): on 2 BC [1012]. See *Abies*.

Pestalopeziza tsugae: on 2 BC [514].

Phaeocryptopus sp.: on 2 BC [1012].

Phaeolus schweinitzii (Polyporus s.) (C:306): on 1 Ont [1341], Que [1377]; on 2 BC [1012]. See *Abies*.

Phanerochaete sanguinea (Peniophora s.) (C:306): on 2 BC [1012]. See *Abies*.

Phellinus ferreus (Poria f.) (C:306): on 2 BC [1012]. See *Acer*.

P. ferrugineofuscus (Poria f.) (C:306): on 2 BC [1012]. See *Abies*.

P. nigrolimitatus (Fomes n.) (C:305): on 2 BC [1012]. See *Abies*.

P. pini (Fomes p.) (C:305): on 1 Ont [1341], Que [1377]; on 2 BC [1341, F76]; on 2, 3 BC [1012]. See *Abies*.

P. punctatus (Poria p.): on 1 Ont and on 2 BC [1341]; on 2, 3 BC [1012]. See *Abies*.

P. repandus (Fomes r.): on 2 BC [1012, F67]. See *Pseudotsuga*.

P. robustus (Fomes r.) (C:305): white spongy rot, carie blanche spongieuse: on 2 BC [1012]. See *Abies*.

P. tsugina (Poria t.) (C:307): on 1 Que [1377]. See *Abies*.

P. viticola (Fomes v.): on 2 BC [1012]. See *Abies*.

P. weirii (Poria w.) (C:307): yellow ring rot, carie jaune annelée: on 2 BC [1012, 1912, 1915]. See *Abies*.

Phialocephala fusca (C:306): on 2 BC [877, 1012].

Phialophora melinii: on 1 Ont and on 2 BC [279], reported from NB but the DAOM specimen is from BC.

Phlebia centrifuga (P. albida auct.*)* (C:306): on 2 BC [1012]. See *Abies*.

P. georgica (Rogersella eburnea): on 4 NS [740].

P. livida: on 2 BC [1012]. See *Abies*.

P. phlebioides (Peniophora p.): on 2 BC [1012]. See *Abies*.

P. radiata (C:306): on 2 BC [568, 1012]. See *Abies*.

P. segregata (Peniophora livida): on 2 BC [1012]. See *Picea*.

Phlebiopsis gigantea (Peniophora g.): on 2 BC [1012]. See *Abies*.

Pholiota alnicola (Flammula a.) (C:305): on 2 BC [387, 1012, F60]. See *Abies*.

P. aurivella (C:306): on 2 BC [1012]. See *Abies*.

Phoma sp.: on 2 BC [1012].

Phomopsis sp.: on 2 BC [1012].

Phymatotrichum fungicola: on 2 BC [507].

Piloderma bicolor (Corticium b.) (C:305): on 2 BC [1012]; on 4 Ont [1341]. See *Abies*.

Pluteus admirabilis: on 4 Ont [1306]. See *Acer*.

Polyporus badius (P. picipes) (C:306): on 1 Ont [1341]; on 2 BC [1012]. See *Abies*.

P. varius (P. elegans) (C:306): on 4 NS [1032]. See *Abies*.

Poria rivulosa: on 2 BC [1012]. See *Abies*.

P. subacida (C:307): on 1 Ont [1341], Que [1377], NS [1032]; on 2 BC [1012, 1144]. See *Abies*.

P. zonata (C:307): on 2 BC [554]. See *Pseudotsuga*.

Pseudohydnum gelatinosum (C:307): on 1 Ont [1341]; on 2 BC [1012]. See *Picea*.

Pseudomerulius aureus (Merulius a.): on 2 BC [568, 1012]. See *Pinus*.

Pseudoplectania nigrella: on 4 Ont [1340].

Pterula sp.: on 2 BC [1012].

Pucciniastrum vaccinii (C:307): needle rust, rouille des aiguilles: 0 I on 1 Ont [1236, 1341, F63, F68], NB [F64, F68], NB, NS [1032, F69], NS [F63, F70]; on 1, 2, 3 BC [1012]; on 2 BC [F76]; on 4 Que [F60], NS [1032].

Pycnoporellus alboluteus (Polyporus a.) (C:306): on 2 BC [1012]. See *Abies*.

P. fulgens (Polyporus fibrillosus) (C:306): on 2 BC [1012, 1341]. See *Abies*.

Ramaricium albo-ochraceum: on 1 Ont [572]. See *Abies*.

Resinicium bicolor (Odontia b.) (C:306): on 2 BC [1012, 1144]; on 4 NS [1032]. See *Abies*.

Retinocyclus abietis: on 1 Que [457]; on 2 infected with dwarf mistletoe BC [51].

R. olivaceus (C:307): on 2 BC [1012, F61].

Rhizina undulata (C:307) : on 2 BC [1012]. See *Picea*.

Rhizothyrium abietis (holomorph *Rhizocalyx a.*) (C:307): on 1 Ont [363].

Rigidoporus nigrescens (Poria n.) (C:307): white spongy rot, carie blanche spongieuse: on 2 BC [1012]. See *Acer*.

Sageria tsugae (anamorph *Ascoconidium t.*): on 2 BC [509, 1012, F75].
Schizophyllum commune: on 1 Ont [1341]. See *Abies*.
Sclerophoma sp.: on 2 BC [1012].
Scytinostroma galactinum: on 2 BC [1012]; on 4 NB [1032]. See *Abies*.
S. ochroleucum (C:307): on 2 BC [1012]. See *Salix*.
Serpula himantioides (S. lacrimans var. *h.)*: on 1 NS [1032]; on 2 BC [1012]. See *Abies*.
Sirococcus conigenus (S. strobilinus): on 2 BC [505, 1012, F73, F74, F75, F76].
Sirodothis sp.: on 2 BC [1012].
Sistotrema brinkmannii: on 2 BC [1012, 1144]. See *Abies*.
S. raduloides: on 2 BC [1012]. See *Abies*.
Skeletocutis amorpha (Polyporus a.) (C:306): on 2 BC [1012]. See *Abies*.
S. subincarnata (Poria s.) (C:307): on 2 BC [1012]. See *Abies*.
Sorocybe resinae: on 2 BC [1012].
Sphaeropsis sapinea (Macrophoma s.): on 1 Que [1687] by inoculation.
Steccherinum sp.: on 2 BC [1012].
Stereum ostrea (C:307): on 2 BC [1012]. See *Abies*.
Stomiopeltis sp.: on 2 BC [1012].
Subulicium lautum: on 1 Ont [744].
Sydowia polyspora (anamorph *Sclerophoma pithyophila*): on 1 Que [1686]; on 2 BC [1012, F70].
Thelephora terrestris (C:307): on 2 BC [1012]. See *Pinus*.
Therrya tsugae: on 2 BC [519].
Thysanophora longispora: on 1 Ont, Que [872].
T. penicillioides: on 1 Ont [872].
Tomentella cinerascens: on 1 Ont [1341].
T. griseoviolacea: on 1 Ont [929, 1341, 1828].
T. olivascens: on 1 Ont [1341].
T. sublilacina: on 2 BC [1012, 1341]; on 4 Ont [1828].
T. terrestris (T. badiofusca, T. umbrinella): on 1 Ont [1341, 1827, 1828].
Trechispora farinacea (Cristella f.): on 4 Ont [1341]. See *Abies*.
T. mollusca (T. onusta): on 1 Que [970]; on 2 BC [1012]. See *Abies*.
Trichaptum abietinus (Hirschioporus a., Polyporus a.) (C:306): white sap rot, carie blanche de l'aubier: on 1 Ont [1341], Que [1028]; on 1, 4 NB, NS [1032]; on 2 BC [1012]. See *Abies*.
T. fuscoviolaceus (Hirschioporus f.): on 1 Que [1028]. See *Abies*.
Trichoderma sp.: on 2 BC [1144].
Tricholomopsis decora: on 1 Que [1385]. See *Picea*.
Trichosporium sp.: on 2 BC [1012]. The generic name has been declared illegitimate, the specimen should be reexamined.
Truncatella angustata (T. truncata): on 2 infected with dwarf mistletoe BC [51].
Truncocolumella rubra (C:307): on 2 BC [1012].
Tubulicrinis glebulosus (T. gracillimus): on 2 BC [1012]. See *Abies*.
Tympanis sp.: on 1 Que [457].
T. abietina: on 1 Que [1688] by inoculation.
T. confusa: on 1 Que [1688] by inoculation.
T. hansbroughiana: on 1 Que [1688] by inoculation.
T. hypopodia (T. piceina): on 1 Que [1221, 1688 by inoculation].
T. laricina (anamorph *Sirodothis* sp.): on 1 Que [1688] by inoculation.
T. prunicola: on 1 Ont [1221].
T. truncatula: on 1 Que [1688] by inoculation.
T. tsugae (C:307): on 1 Ont, Que [1221], Que [1688, F68].
Typhula sp.: on 2 BC [501].
T. abietina: on 2 BC [1012].
Tyromyces balsameus (Polyporus b.) (C:306): on 1 Que [1377]; on 2 BC [1012]. See *Abies*.
T. borealis (Polyporus b.) (C:306): on 1 NS [1032]. See *Abies*.
T. caesius (Polyporus c.) (C:306): on 2 BC [1012]; on 4 Ont [1827]. See *Abies*.
T. fragilis (Polyporus f.) (C:306): on 2 BC [1012]. See *Abies*.
T. guttulatus (Polyporus g.) (C:306): on 2 BC [1012]. See *Abies*.
T. mollis (Polyporus m.): on 2 BC [1012]. See *Abies*.
T. placenta (Poria p., P. monticola) (C:307): on 2 BC [1012]. See *Pinus*.
T. sericeomollis (Polyporus s.) (C:307): on 2 BC [1012]. See *Abies*.
T. tephroleucus (Polyporus t.) (C:306): on 2 BC [1012]. See *Alnus*.
T. undosus (Polyporus u.) (C:306): on 2 BC [1012]. See *Abies*.
Uraecium holwayi (holomorph *Pucciniastrum vaccinii*) (C:307): needle rust, rouille des aiguilles: 0 I on 1 BC [F64]; on 1, 2, 3 BC [2008]; on 2 BC [F63]; on 2, 3 BC [728]. Causes discoloration and premature shedding of hemlock needles.
Valsa sp.: on 2 BC [193].
V. abietis (C:307): canker, chancre cytosporéen: on 1 Que [1689]; on 2 BC [193, 1012].
V. friesii (anamorph *Cytospora dubyi*): on 1 Que [1689] by inocluation.
V. pini: on 1 Que [1689] by inoculation.
Vararia granulosa (Grandinia g.) (C:305, 307): on 2 BC [1012]. See *Abies*.
V. pallescens (C:307): on 2 BC [1012]. See *Acer*.
Verticillium sp. (C:307): on 2 BC [1012].
Vesiculomyces citrinum (Gloeocystidiellum c.): on 4 NS [1032]. See *Abies*.
Wolfiporia extensa (Poria cocos) (C:306): on 2 BC [1012]. See *Betula*.
Xenasmatella inopinata: on 1 Ont [744]. See *Pseudotsuga*.
Xenomeris abietis: on 2 BC [525, 1012, F69].

Xeromphalina campanella (C:307): on 2 BC [1012]. See *Abies*.

TULIPA L. LILIACEAE

1. *T. gesnerana* L., tulip, tulipe; imported from e. Europe and Asia Minor.

Armillaria mellea (C:307): dry rot, pourridié-agaric: on 1 BC [1816].
Botrytis sp.: on 1 BC [1816].
B. cinerea (holomorph *Botryotinia fuckeliana*) (C:307): gray mold, moisissure grise: on 1 BC [334, 1816], NS [334].
B. tulipae (C:307): fire, feu: on 1 BC [337, 1301, 1816], BC, NS [333, 336, 338], Alta [335, 339], Ont [336], Que, NS [335, 337], NB [333, 1194], Nfld [338]. Extended periods of moist weather favor disease development.
Penicillium sp. (C:308): bulb rot, pourriture du bulbe: on 1 BC [1816].
Phytophthora sp.: on 1 BC [1816].
Pythium ultimum (C:308): root and bulb rot, pourridié pythien: on 1 BC [1816].
Rhizoctonia solani (holomorph *Thanatephorus cucumeris*) (C:308): rhizoctonia, rhizoctonie: on 1 BC [1816].
Sclerotinia sclerotiorum (C:308): stem rot, pourridié sclérotique: on 1 BC [1816].
Sclerotium tuliparum (C:308): gray bulb rot, pourriture grise du bulbe: on 1 BC [1816] as *Sclerotinia*, Ont [333].
Typhula sp. (C:308): snow mold, moisissure nivéale: on 1 BC [1816].

TYPHA L. TYPHACEAE

1. *T. angustifolia* L., narrow-leaved cattail, massette; native, Man-PEI.
2. *T. latifolia* L., common cattail, quenouille; native, Yukon-Mack, BC-Nfld.
3. Host species not named, i.e., reported as *Typha* sp.

Arthrinium phaeospermum: on 2 Sask [1760].
Cladosporium macrocarpum: on 3 Man [1760].
Galerina subbadipes: on rotted debris of 3 Que [1385].
Haligena spartinae: on drift stems and leaves of 3 BC [782].
Lophodermium typhinum: on 2 Ont [1340].
Monodictys pelagica: on stems of 3 BC [782].
Paraphaeosphaeria michotii: on old leaves 2 Ont [1621].
Phaeosphaeria punctillum: on 2 Ont [760].
Psathyrella typhae: on 1 Ont [1429].
Remispora hamata: on 3 BC [782].
Stagonospora vitensis: on 3 BC [782].
Typhula latissima: on stems of 2 Que [1385].

ULMUS L. ULMACEAE

1. *U. americana* L., white elm, orme blanc; native, Sask-PEI.
2. *U. glabra* Huds. (*U. montana* With.), Wych elm, orme de montagne; imported from Eurasia.
3. *U.* x *hollandica* Mill.: *U. carpinifolia* Ruppius ex Suckow x *U. glabra* x *U. plotii* Druce; Dutch elm.
4. *U. parvifolia* Jacq., Chinese elm, orme de Chine; imported from China and Japan.
5. *U. procera* Salisb., English elm, orme champêtre; imported from Europe.
6. *U. pumila* L., dwarf elm, orme nain; imported from e. Asia.
7. *U. rubra* Muhl. (*U. fulva* Michx.), slippery elm, orme gras; native, Ont-NB.
8. *U. thomasii* Sarg. (*U. racemosa* Thomas), rock elm, orme liège; native, Ont-Que.
9. Host species not named, i.e., reported as *Ulmus* sp.

Acarosporina microspora (Schizoxylon m.): on 9 Que [1249].
Acremoniella atra: on 1 Man [1760].
Aleurodiscus cerussatus (C:308): on 9 Man [964]. See *Acer*.
Anthostoma gastrinum (C:308): on 1 Ont [1340]; on 9 Ont [F63].
Anthostomella suberumpens?: on 1 Ont [1340].
Apiognomonia errabunda (anamorph *Discula umbrinella*): on 6 Man [F66]. See *Fraxinus*.
Apioporthe apiospora (C:308): on 1 Ont [1340, F60, F65]. Probably a species of *Anisogramma*.
Armillaria mellea (C:308): on 1 NS [1036]; on 9 Que [1377]. See *Abies*.
Arthrobotrys dolioformis: on 1 Man [1760].
Bjerkandera adusta (Polyporus a.) (C:309): on 1 Ont [1341]. See *Abies*.
Botryodiplodia sp.: on 1 BC [1012], Ont [1828].
Calcarisporium arbuscula: on 1 Man [1760].
Camarosporium ulmi: on dead branches of 9 Ont [440].
Catenuloxyphium semiovatum: on leaves of living 9 Ont [798].
Catinella nigro-olivacea: on 9 Ont [1340].
Cephalosporium sp. (C:308): wilt, flétrissure: on 1 Sask, Man [F60]; on 9 NB [F68].
Ceratocystis albida: on 1 Man [1190].
C. ulmi (C:308): Dutch elm disease, maladie de l'orme: on 1 Ont [645, 647, 896, 1340, 1782, 1783, 1827, 1828, F67], Que [584, 1105, 1204, 1213, 1214, 1379, 1380, 1381, 1382, 1383, 1384, 1388, 1393, F63, F68], NB [1032], NS [1036]; on 1, 5 Ont [F66]; on 5 Ont [339]; on 9 Man [895, F75, F76], Ont [334, F69], Ont, Que, NB [335, 336, 1219, F62], Ont, Que, NB, NS [895, F70, F71, F72, F73, F74, F75, F76], Ont, NB [337, 338, 339, 1594, 1595, F60, F61, F63, F64, F65, F68], Que [535, 943], NB [535, 1737, F66, F67], NB, NS [1032, F69]. The disease caused by this fungus has, despite efforts to control it, decimated the population of native elms in s. and

e. Ont and s. Que, and is now progressing through the Maritime Provinces. In s. Ont about 70% of the elm has died, a loss of about 213 million cubic metres of wood.

Cerrena unicolor (Daedalea u.) (C:309): on 1 Ont [1341], NB [1032]; on 9 BC [1012]. See *Acer*.

Chalara thielavioides (Chalaropsis t.) (C:308): black mold, moisissure noire: on 6 Que [1377].

Ciboria acericola: on 9 Ont, Que [662].

C. acerina: on 9 Ont [302, 434].

Circinotrichum maculiforme: on 1 Man [1760].

Climacodon septentrionalis (Hydnum s., Steccherinum s.): on 9 Que [1377, 1385], NB [1032]. See *Acer*.

Coriolus hirsutus (Polyporus h.) (C:309): on 1 Ont [1341], NB [1032]. See *Abies*.

C. versicolor (Polyporus v.): on 1 NB [1032]; on 9 Ont [426]. See *Abies*.

Cryptosporella hypodermia (C:309): on 1 Man [F60], Man, Ont [1340]; on 6 Ont [1828].

Cylindrobasidium evolvens (Corticium laeve): on 1 NB [1032]. See *Abies*.

Cyphellopsis anomala (Solenia a.) (C:309): on 1 Ont [1341]; on 9 NS [1032]. See *Betula*.

Cytospora sp.: on 4 Ont [338]; on 9 NB, NS [1032].

C. ambiens (holomorph *Valsa a.*) (C:309): on 1 NS [F63].

C. carbonacea: on 4 Ont [1340].

Daldinia concentrica (C:309): on 9 NS [1032].

Datronia mollis (Trametes m.) (C:310): on 9 NS [1032]. See *Acer*.

Dendrothele acerina (Aleurocorticium a.): on 9 Ont [965].

D. alliacea (Aleurocorticium a.): on 9 Ont, Que [965]. See *Acer*.

D. griseo-cana (Aleurocorticium g.): on 9 Ont [965]. See *Acer*.

D. microspora (Aleurocorticium m.): on 9 Ont [965]. See *Betula*.

Deuterophoma ulmi (Dothiorella u.) (C:309): wilt, flétrissure céphalosporienne: on 1 Sask, Man [F60], Que [F65, F66], NS [1032]; on 9 Man [F74], Que [1377].

Diatrype albopruinosa: on 1 Ont [1354]; on 9 Man, Ont, Que [1354]. On dead branches and twigs.

Diplodia melaena (C:309): on 1 Sask [F66].

Eutypella scoparia: on 9 Ont [1340].

E. stellulata: on 9 Ont [1340].

Exidia glandulosa (E. spiculosa): on 1 Ont [1341]. See *Abies*.

Flammulina velutipes (Collybia v.) (C:308): on 1 Que [1385] on stumps and dead trunks, sometimes on dead parts of live trees, NB, NS [1032]. See *Populus*.

Fomes fomentarius: on 1 NB [1032]. See *Acer*.

Fusarium sp. (C:309): on 1 Man [F72].

Ganoderma applanatum (Fomes a.) (C:309): on 1 NB [1032]; on 1, 8, 9 Ont [1341]; on 9 Que [1377], PEI [1032]. See *Abies*.

G. resinaceum (G. sessile): on 1, 9 Ont [1341]. See *Acer*.

Gloeocystidiellum sp.: on 9 Ont [1341].

Gloeosporium sp.: on 2 NB [1032].

Gonatobotrys simplex: on 1 Man [1760].

Graphium penicilloides: on 1 Sask, Man [1760].

Helminthosporium velutinum: on 7 Ont [810].

Hericium coralloides (H. ramosum): on dead trunks of 9 Que [1385]. See *Acer*.

H. erinaceus: on 1 NB [1032]. See comment under *Acer*.

Heterobasidion annosum (Fomes a.): on 1 Ont [1341, 1419]. See *Abies*.

Heterochaetella bispora (C:309): on 9 Ont [1015].

H. brachyspora (C:309): on 9 Ont [1015].

H. dubia (C:309): on 9 Ont [1015]. See *Acer*.

Hyalinia breviasca: on 9 Ont [1340].

Hymenochaete sp.: on 1 Ont [1341].

H. tabacina (C:309): on 1 Ont [1827]; on 9 NS [1032]. See *Abies*.

Hyphoderma heterocystidium (Peniophora h.): on 9 Ont [1341]. See *Acer*.

Hypochnicium vellereum (Corticium v.) (C:309): on 9 NS [1032]. See *Acer*.

Hypocreopsis lichenoides (anamorph *Stromatocrea cerebriforme*): on 1 Que [230].

Hypoxylon deustum: on 1 Ont [1340].

H. papillatum: on 9 Ont [1340].

Hypsizygus ulmarius (H. tessulatus, Pleurotus t., P. ulmarius) (C:309): on 1 Ont [1341]; on 9 Que [1377, 1385], NB [1032, 1036]. See *Acer*.

Ischnoderma resinosum (Polyporus r.) (C:309): on 1 Ont [1341]. See *Abies*.

Laetiporus sulphureus (Polyporus s.): on living trunk of 1 Que [1389]. See *Abies*.

Lasiosphaeria ovina: on 9 Ont [1340].

Lenzites betulina: on 1 NB [1032]. See *Acer*.

Leucogyrophana mollusca: on 1 Que [571]. See *Abies*.

Lopharia cinerascens (Stereum c.): on 1 Ont [1341], Que [F70].

Massaria zanthoxyli: on 9 Ont [80].

Meruliopsis corium: on 1 Ont [568]. See *Acer*.

Mycena algeriensis: on trunks of 9 Ont [1385]. See *Alnus*.

M. roseipallens: on debris of 9 Ont [1385]. See *Alnus*.

Mycoacia aurea (M. stenodon): on 9 Ont [1341]. See *Alnus*.

Mycosphaerella ulmi (anamorph *Phloeospora u.*) (C:309): leaf spot, tache des feuilles: on 1 NS [F61]; on 1, 9 NS [1032].

Nectria canadensis (Calonectria c.) (anamorph *Cilicipodium grayanum*): on 9 Ont [1495].

N. cinnabarina (anamorph *Tubercularia vulgaris*) (C:309): coral spot, dépérissement nectrien: on 1, 4, 9

NWT-Alta [1063]; on 1, 6 NB, NS [1032]; on 2, 9 PEI [1032]; on 4 Nfld [335, 1659, 1660, 1661, F61]; on 4, 9 NB [1032]; on 6 Ont [1340, F61], Ont, NB [333], Que [335, 339, 1377], Nfld [336, 338, F62, F63, F65]; on 9 Ont [1828], Nfld [F64].

N. galligena (C:309): nectria canker, chancre nectrien: on 1 Sask [F63], Que [F60].

Orbilia luteorubella: on 9 Ont [1340].

Panellus serotinus (Pleurotus s.): on 9 NB [1032]. See *Acer*.

Panus conchatus (P. torulosus) (C:309): on 9 NS [1032]. See *Alnus*.

Peniophora sp.: on 1 NB [1032].

P. aurantiaca: on 9 Ont [1341]. See *Alnus*.

P. cinerea (C:309): on 1 Ont [1341], NB [1032]; on 9 BC [1012]. See *Abies*.

Peziza varia: on rotting branches of 1 Que [574].

Phaeostalagmus cyclosporus (Verticillium c.): on 1 Man [F68].

Phellinus conchatus (Fomes c.): on 1 Ont [1341]. See *Acer*.

P. ferreus (Poria f.) (C:309): on 1 NS [1032]. See *Acer*.

P. igniarius (Fomes i.) (C:309): on 1, 9 Ont [1341]; on 9 Que [1377], NB [1032]. See *Acer*.

P. laevigatus (Poria l.): on 1 Ont [1341]. See *Acer*.

Phialophora sp.: on 1 Ont [1827].

Phlebiopsis roumeguerii (Phlebia r.): on 1 Que [F67].

Phloeospora ulmi (holomorph *Mycosphaerella u.*): on 1, 9 NS [1032]; on 2 Nfld [1661]; on 9 Ont [1767].

Phoma sp.: on 1 Ont [973, 1828].

Phyllosticta melaleuca: on 1 Que [335].

Pithomyces chartarum: on 1 Man [1760].

Pleurotus ostreatus: on 1 NB [1036]; on 1, 9 Ont [1341]; on 9 Que [1377]. See *Abies*.

P. sapidus: on 1 NB [1032]. See *Aesculus*.

Podosphaera kunzei: powdery mildew, blanc: on leaves of seedlings of 9 Ont [437]. Probably a specimen of *Uncinula macrospora* which is represented in DAOM by specimens from Hull, Que (142864) and Belleville, Ont (142865).

Polyporus sp.: on 1 Ont [1827].

P. squamosus (C:309): on 1 NB [1032]; on 1, 9 Ont [1341]; on 9 Que [1377], NS [1032]. During the 1970s and early 1980s this fungus has been rather common on large, dead elms killed 3-5 years earlier by Dutch Elm Disease. See *Acer*.

Poronidulus conchifer (Polyporus c.) (C:309): on 1, 9 Ont [1341], NB [1032]; on 9 NS [1032]. See *Populus*.

Pseudotomentella tristis (P. umbrina): on 9 Ont [1341].

Punctularia strigosozonata (Phaeophlebia s.): on 9 NS [1032]. See *Alnus*.

Pyrenochaeta sp.: on 3 BC [1012].

Rosellinia compressa: on decorticated trunk of 9 Ont [440].

R. pulveracea: on 9 Ont [1340].

Sphaeropsis ulmicola (C:309): twig canker, chancre des rameaux: on 9 NB [1032].

Spongipellis unicolor (Polyporus obtusus) (C:309): on 1 Ont [1341]. See *Quercus*.

Sporidesmium brachypus: on 9 Ont [822].

S. folliculatum: on 9 Ont [825].

Stegophora ulmea (Gnomonia u.) (C:309): leaf spot, tache des feuilles: on 1 Sask, Man [F68], Man [F63, F67, F70], Ont [F61], Que [F72, F73], NB [F63, 336], NB, NS [F64], NB, NS, PEI [F65, F66]; on 1, 6 Que [1377]; on 1, 6, 8, 9 Ont [1340]; on 1, 7, 8 Que [1374]; on 1, 9 NB, NS [1032]; on 4 Ont [335, 338, 339], Que [336]; on 6 Sask [337, F73], Man [F66], Ont [336], NB [1032]; on 9 Alta [336], Man [1595, F69], Ont [79], Ont, Que [334], PEI [1032], Nfld [1661].

Stereum hirsutum: on 9 Ont [1341]. See *Abies*.

Stigmina compacta (Sciniatosporium c., Thyrostroma c.) (C:309): twig blight, brûlure des rameaux: on 9 Que [1127, 1377].

S. pulvinata: on 4 Ont [1340]; on 6 Ont [1827].

Stromatocrea cerebriforme (holomorph *Hypocreopsis lichenoides*): on 1 Que [230].

Taphrina ulmi (C:309): leaf blister, cloque des feuilles: on 9 Que [1377].

Thielaviopsis basicola: on 1 Man [1760].

Trechispora farinacea (Cristella f.): on 9 Ont [1341]. See *Abies*.

Trichoderma viride: on 1 Man [1760]. See *Abies*.

Trichothecium roseum: on 1 Sask, Man [1760]; on 4, 6 NB [1032]; on 6 NS [1032].

Tubercularia sp.: on 4 NB [1032]; on 9 BC [1012].

T. nigricans: on 4 Ont [1340, 1594]; on 6 Ont [F67].

T. ulmea (C:310): coral spot, brûlure des rameaux: on 6 Alta, Que [337], Sask [F67], Que [334, F66]; on 9 Que [338], Nfld [337].

T. vulgaris (holomorph *Nectria cinnabarina*) (C:310): on 1 Alta [F61]; on 6 Ont [F70]; on 9 Alta [F64], Ont [1340].

Uncinula macrospora: powdery mildew, blanc: on 9 Ont, Que [1257].

Valsa ambiens (anamorph *Cytospora a.*) (C:310): on 9 NS [1032].

Verticillium sp. (C:310): wilt, flétrissure verticillienne: on 1 Man [F72]; on 9 Que [1377], NB [1032].

V. albo-atrum: on 1 Sask, Man [F68], Man [1760]; on 9 Man [1594, 1595], Ont [F62].

V. dahliae: on 1 Sask, Man [F68], Man [1760, F67]; on 9 Man [1594, 1595].

V. lecanii: on 1 NB [1036].

Volvariella bombycina: on 9 Que [1385] on wounds. See *Acer*.

Xylaria polymorpha (C:310): on 1 Ont [1340]. Typically on buried wood.
Xylohypha lignicola: on 1 Man [1760].

URTICA L. URTICACEAE

1. *U. dioica* L., stinging nettle, ortie piquante; native, Yukon-Mack, BC-PEI, Labr. 1a. *U. d.* ssp. *gracilis* (Ait.) Seland.; native, transcontinental. 1b. *U. d.* ssp. *g.* var. *gracilis* (*U. gracilis* Ait.); native, transcontinental. 1c. *U. d.* ssp. *g.* var. *lyallii* (Wats.) Hitchc. (*U. lyallii* Wats.); native, BC-Alta. 1d. *U. d.* ssp. *g.* var. *procera* (Muhl.) Weddell (*U. procera* Muhl.); native, Sask-NS.
2. *U. urens* L., burning nettle, ortie brûlante; native, BC-Alta, Man-Nfld.
3. Host species not named, i.e., reported as *Urtica* sp.

Coprinus sp.: on 1 Man [1820]. Possibly *C. psychromorbidus*.
Dendryphion comosum: on dead stems of 3 BC [818].
Lachnella villosa: on fallen stems of 3 BC [1424].
Leptosphaeria acuta (C:310): on 1c BC [1012, 1816].
Ophiobolus erythrosporus: on 1d Ont [1620].
Puccinia caricina (P. caricis-urticata) (C:310): rust, rouille: 0 I on 1b, 1c, 1d, 3 Ont [1236]; on 1c BC [1012, 1816]; on 2 NWT-Alta [1063].
Ramularia urticae (C:310): on 1c BC [1012, 1816].
Sclerotinia sclerotiorum (C:310): on 1b Sask [1140].
Typhula erythropus: on 1c BC [901].

UVULARIA L. LILIACEAE

1. *U. grandiflora* Sm., large-flowered bellwort, uvulaire à grandes feuilles; native, Ont-Que.
2. *U. perfoliata* L., perfoliate bellwort, uvulaire perfoliée; native, Ont.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:310): gray mold, moisissure grise: on 2 Que [1545].
Macrophoma smilacina var. *smilacina*: on 1 Que [148].

VACCINIUM L. ERICACEAE

1. *V. alaskaense* Howell; native, BC.
2. *V. angustifolium* Ait., lowbush blueberry, bleuet nain; native, Man-Nfld, Labr. 2a. *V. a.* var. *laevifolium* House (*V. pennsylvanicum* Lam.); native, Man-NS, Nfld. 2b. *V. a.* var. *nigrum* (Wood) Dole; native, Man-NS, Nfld.
3. *V. caespitosum* Michx., dwarf bilberry, bleuet maganés; native, Yukon-Mack, BC-NS, Nfld.
4. *V. corymbosum* L., highbush blueberry, bleuet en corymbes; native, Ont-NS.
5. *V. macrocarpon* Ait., large cranberry, grande canneberge; native, Ont-Nfld.
6. *V. membranaceum* Dougl., mountain huckleberry, airelle à feuilles membraneuses; native, Mack, BC-Alta, Ont.
7. *V. myrtilloides* Michx. (*V. canadense* Kalm), sour-top blueberry, airelle fausse-myrtille; native, Mack, BC-Nfld, Labr.
8. *V. myrtillus* L., low bilberry, myrtille; native, BC-Alta.
9. *V. nubigenum* Fern., born of the clouds; e. Que, n. Nfld.
10. *V. ovalifolium* Sm., mathers, airelle bleue; native, Yukon, BC, Que, NS, Nfld, Labr.
11. *V. ovatum* Pursh, box blueberry, bleuet ovale; native, BC.
12. *V. oxycoccos* L., small cranberry, grisettes; native, Yukon-Keew, BC-Nfld, Labr. 12a. *V. o.* var. *intermedium* Gray (*Oxycoccos quadripetalus* Gilib.); native, Mack, BC, Man-Nfld, Labr. 12b. *V. o.* var. *o.* (*Oxycoccus microcarpus* Turcz.); native, Yukon-Keew, BC-Que, Labr.
13. *V. parvifolium* Sm., red bilberry, airelle rouge; native, BC.
14. *V. scoparium* Leib., grouseberry, airelle à tige mince; native, BC.
15. *V. uliginosum* L., bog bilberry, bleuet traînard; native, Yukon-Labr, BC-Nfld.
16. *V. vitis-idaea* L., bog cranberry, airelle vigne d'Ida; native, Yukon-Labr, BC-Nfld. (including *V. v.-i.* var. *minis* Lodd.)
17. Host species not named, i.e., reported as *Vaccinium* sp.

Acremonium strictum: on 2 Que [188].
Aleurodiscus aurantius (C:310): on 17 BC [964].
Alternaria alternata: on 2 Que [188]; on 5 NS [601].
A. tenuissima: on 2 Que [188].
Apiospora montagnei: on leaves of 5 NS [601].
Arthrinium phaeospermum: from rotted fruit of 5 NS [601].
Aspergillus niger: on 2 Que [188].
Aureobasidium pullulans (C:311): on 2 Que [188]; on 5 NS [996, 601 from leaves and rotted fruit].
Bifusepta tehonii (C:311): on 2 Que and on 2, 7 Ont [361].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:311): gray mold, moisissure grise: on 2 Que [188]; on 2, 4 NS [335]; on 4 BC [1595], NS [333, 1594]; on 5 NS [601, 607]; on 17 NB [336, 1594].
Cephaloascus albidus: isolated from cranberry pumace of 12 NS [907].
Ceuthospora lunata (C:311): from rotted fruit of 5 NS [601, 607].
Chaetomium brevipilium: from rotted fruit on 5 NS [601].
C. fusisporale: on 2 Que [188].

C. globosum: on 2 Que [188].

C. spirale: from rotted fruit of 5 NS [601].

Chrysomyxa sp.: rust, rouille: on 16 Ont [1341].

C. ledi var. *vaccinii* (C:311): rust, rouille: II III on 13 BC [1012, 1816, 2008].

Cladosporium sp.: on 13 BC [1012].

C. herbarum: on 2 Que [188].

Cochliobolus sativus (anamorph *Bipolaris sorokiniana*): on leaves of 5 NS [601].

Coniothyrium sp.: on 2 Que [188].

Curvularia clavata: from rotted fruit of 5 NS [601].

Cylindrocarpon destructans: on 2 Que [188].

Dasyscyphus virginellus: on 13 BC [1012, 1816].

Diaporthe vaccinii (anamorph *Phomopsis v.*) (C:311): canker, chancre phomopsien: on 2 Que [188]; on 4 NS [334]; on 5 NS [550, 607, 996, 1595].

Discohainesia oenotherae (Pezizella o.): from rotted fruit of 5 NS [601].

Dwayalomella vaccinii: on 2 Que [189].

Eupenicillium brefeldianum: on 2 Que [188].

E. lapidosum: on 2 Que [188].

Exobasidium sp.: on 6 NWT-Alta [1063].

E. cordilleranum: on 10 BC [1816].

E. cordilleranum var. *cordilleranum* (C:311): on 10 BC [1012].

E. cordilleranum var. *minor* (C:311): on 6 BC [1012, 1816].

E. parvifolii (C:311): on 10 BC [1816]; on 10, 13 BC [1012].

E. vaccinii (C:311): red leaf, rouge: on 2 Que [337], NB [1594], NB, NS, Nfld [339], NS [338]; on 5 BC [339]; on 5, 10, 14 BC [1816]; on 17 BC, Nfld [333], Ont [1341], Que [1385], NB, Nfld [334], Nfld [336, 337, 338]. Nannfeldt [1170] has reassessed the European species of *Exobasidium* and refers to some Canadian collections, but redisposition of the above literature records must be made following study of the specimens.

E. vaccinii var. *vaccinii* (C:311): on 13, 14, 16 BC [1012]; on 15 Yukon [460]; on 16 Yukon [460] as DAVFP 14696 at DAOM, BC [1816].

E. vaccinii-uliginosi (C:311): on 3 BC [1012, 1816]; on 15 Yukon [460]; on 17 Que [1385]. See comment under *E. vaccinii*.

E. vaccinii-uliginosi var. *vaccinii-uliginosi* (C:311): on 15 Frank [1244].

Fusarium oxysporum: on 2 Que [188].

F. solani (holomorph *Nectria haematococca*): on 2 Que [188].

Fusicladium sp.: on 2 Que [188].

Fusicoccum putrefaciens (holomorph *Godronia cassandrae*) (C:311): on 2 Que [188]; on 4 Que [333], NS [214, 335, 337, 983, 987, 991]; on 5 NB [337]; on 17 BC, NS [334], NS [336], NS, Nfld [333].

Gelasinospora reticulospora: on 2 Que [188].

G. tetrasperma: on 2 Que [188].

Gibbera elegantula: on 10 BC [1012]; on overwintered twigs and leaves of 17 BC [73].

G. myrtilli (C:311): on 10 Que [70]; on 17 BC, Que [73].

Gliocladium roseum: on 2 Que [188].

Gloeosporium minus (C:311): from rotted fruit of 5 NS [601].

Glomerella cingulata (anamorph *Colletotrichum gloeosporioides*) (C:311): anthracnose, anthracnose: on 5 NS [607].

G. cingulata-vaccinii: from decayed fruit of 5 NS [996].

Godronia cassandrae (anamorph *Fusicoccum putrefaciens*) (C:311): canker, chancre: on 2, 4, 7 Que [1678]; on 4 BC [1816]; on 17 BC [1817, 1818].

G. cassandrae f. *vaccinii* (C:311): canker, chancre: on 2 NS [988]; on 2, 4, 7 Que [1678]; on 2, 4, 7, 9, 15 Que [1684]; on 4 BC [339, 656], BC, NS [338], NS [983]; on 5 NS [607, 601 isolated from leaves, stored and rotted fruit, 996, 1594]; on 17 BC [1594], BC, Ont, Que, NS [656].

G. cassandrae var. *vaccinii*: on 2 Que [188].

G. urceoliformis (C:311): on 2, 4, 7, 15 Que [1684] by inoculation; on 15 Labr [656].

Guignardia vaccinii (C:311): on 5 NS [601, 607, 996, 1594, 1595]; on 17 NS [336].

Helminthosporium sp.: on 13 BC [1012, 1816].

Hymenochaete tabacina (C:311): on 17 BC [1012].

Lophodermium maculare (C:311): on 15 Frank [1543]; on 17 NWT-Alta [1063].

L. melaleucum (C:311): on 11 BC [1012].

L. melaleucum var. *melaleucum*: on 11 BC [1816].

Meliola sp.: on 13 BC [1012].

Meliola nidulans (C:311): on 16 Que [70].

Microsphaera penicillata: powdery mildew, blanc: on 17 BC [333]. Probably a specimen of *M. vaccinii*.

M. vaccinii (M. penicillata var. *v.)* (C:311): powdery mildew, blanc: on 2 Que [337], NS [336, 338]; on 2, 4, 7 Ont [1257]; on 4 NS [337, 1594]; on 5, 13 BC [1816]; on 7 Que [1257]; on 13 BC [1012]; on 17 Nfld [333].

Microsphaeriopsis olivacea (Coniothyrium o.): from rotted fruit of 5 NS [601].

Monilia sp.: on 13 BC [1012, 1816].

Monilinia oxycocci (C:311): hard rot, pourriture sclérotique: on 5 BC [1816]; on 17 BC [333, 334].

M. vaccinii-corymbosi (Sclerotinia v.) (C:311): twig and blossom blight, pourriture sclérotique: on 2 Que [188], Que, NS [337], NB [335]; on 2a, 2b, 7 NB, NS [976]; on 4 BC [337, 338, 1302, 1303, 1304, 1595, 1816], BC, NS [339, 1594]; on 4, 17 NS [334]; on 5 NS [996]; on 17 BC [1817, 1818], NB, NS [333].

Mortierella nana: on 2 Que [188].

Mucor sp.: on leaves of 5 NS [601].

M. hiemalis: on 2 Que [188].

M. ?luteus: on 2 Que [188].

Mycosphaerella minor (C:311): on 10 Que [70].

M. vacciniicola (M. nigro-maculans): on 5 BC [339].

M. vaccinii (C:311): on 15 Frank [1543].

Myrothecium sp.: from rotted fruit of 5 NS [601].

Nipterella parksii (Belonidium p.) (C:311): on 17 BC [1012].

Oidiodendron ?griseum: on 2 Que [188].

Paecilomyces marquandii: on 2 Que [188].

P. varioti: on 2 Que [188].

Papulaspora anomala: on leaves of 5 NS [601].

Penicillium sp. (C:311): on 5 NS [601, 607, 996]; on 17 NS [336].

P. chrysogenum (P. notatum): on 2 Que [188].

P. thomii: from stored and rotted fruit of 5 NS [601].

P. variabile: from stored fruit of 5 NS [601].

Peniophora incarnata (C:311): on 17 BC [1012].

Pestalotia vaccinii (C:311): leaf spot and fruit rot, pestalotiose: on 5 NS [607].

Pestalotiopsis sydowiana (Pestalotia s.): on 2 Que [188]; on stored fruit of 5 NS [601].

Phoma glomerata: on 2 Que [188].

Phomatospora clarae-bonae (Plectosphaera c.) (C:312): on 16 Que [70, 74 on dead leaves].

Phomopsis vaccinii (holomorph *Diaporthe v.*) (C:312): dieback brûlure phomopsienne: on 2 Que [188]; on 4 NS [339].

Phyllosticta putrefaciens: from rotted fruit of 5 NS [601].

P. vaccinii: on 4 BC [339].

Physalospora vaccinii (Acanthorhynchus v.) (C:311): blotch rot, pourriture tachetée: on 2 Que [188]; on 5 NS [601, 607, 996, 1594]; on 17 NS [336].

P. vitis-idaeae (C:312): on 16 Que [70, 74 on dead leaves].

Phytophthora cinnamomi: on 17 Ont [1497] by inoculation.

Pithoascus intermedius: on 2 NS [609].

Podosphaera myrtillina (C:312): powdery mildew, blanc: on 6 Alta [1257]; on 15 NWT, Man, Que [1257]. Conners has this name as a synonym of *P. clandestina* but see Parmelee [1257].

Pseudomassaria leucothoes var. *borealis*: on 16 Que, Nfld [71].

Pseudophacidium ledi: on 2 Que [1685].

Pucciniastrum goeppertianum (C:312): witches'-broom rust, rouille-balai des sorcière: on 2 NB [339], NS [1036], Nfld [1594]; on 2, 7 NB [1859, 1861, 1862], NB, NS, PEI [1857]; on 2a, 7 Que [1377]; on 2a, 16, 17 Ont [1236]; on 3 Nfld [1659, 1660, 1661]; on 3, 14, 16, 17 NWT-Alta [1063]; on 3, 17 Alta [F65]; on 4 NS [333, 335]; on 6, 10, 11, 13, 14, 16 BC [1012, 1816]; on 7 NB [1036]; on 8 BC [953], Alta [737]; on 8, 14 BC [954]; on 8, 14, 17 Alta [951, 952]; on 10, 13 BC [1341]; on 12, 16 Que [282]; on 16 Yukon [460, F62], Mack [F66], Mack, Alta [53], Que [1341]; on 17 Yukon, Mack, BC, Alta, Sask, Man [2008], BC [644], Alta [53, 950, F66], Que [1392], NB [333, 334, 335, 336, F73], NB, NS [1032, 1594], PEI [1032], Nfld [333, 334, 337, 338, 339].

P. vaccinii (P. myrtilli) (C:312): leaf rust, rouille de la pruche: on 2 NS [335]; on 2a, 4, 17 Ont [1236]; on 3 Alta [F65]; on 3, 6, 7, 13, 14, 16 BC [1012, 1816]; on 3, 6, 7, 16, 17 NWT-Alta [1063]; on 4 NS [337]; on 10, 12a BC [1012]; on 16 Yukon [460], Mack [53], Que [1341]; on 17 Yukon, BC [728], Mack [F64], Alta [F63], Ont [1341], Que [F60], NS [334].

Ramularia effusa (C:312): leaf spot, tache ramularienne: on 17 Nfld [1659, 1660, 1661].

R. vaccinii: on 17 Ont [1340].

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*): on 2 Que [188].

Rhizopus nigricans: on 2 Que [188].

R. sexualis: on 2 Que [188].

Rhytisma vaccinii (C:312): on 17 NB [1032].

Sclerotinia oxycocci auct.: on 5 BC [1595, 1817, 1818]. *S. oxycocci* Wor. is an obligate synonym of *Monilinia oxycocci*.

Seimatosporium lichenicola (Coryneum microsticta): on 2 Que [188].

Septoria sp.: on 17 NS [339].

Sordaria fimicola: on 2 Que [188].

Sphaeronaema pomorum: on 5 NS [1594].

Sporomega degenerans (Colpoma d.): on 17 Ont [1340].

Sporonema oxycocci (C:312): on 5 NS [601, 607, 996]; on 17 NS [336].

Stigmatea conferta (Gibbera c., G. compacta, Venturia c.) (C:311): leaf spot, tache des feuilles: on 5 BC [1816], NS [601, 984, 1594, 1595]; on 7 NWT-Alta [1063]; on 12a, 12b BC [1012]; on 17 NWT, Que, NS [73], Que [70].

Terriera cladophila (Lophodermium c.) (C:311): on 13 BC [1012, 1816].

Thelephora terrestris (C:312): on 17 BC [1012]. See *Pinus*.

Thysanophora penicillioides: from rotted fruit of 5 NS [601].

Trichoderma koningii: on 2 Que [188].

T. viride: on 2 Que [188]. See *Abies*.

Trichurus spiralis: on seeds of 17 Que [1623].

Truncatella angustata (Pestalotia truncata, Truncatella t.): on 2 Que [188]; on 5 NS [601].

Uniseta flagellifera: on 2 Que [188].

Valdensia heterodoxa (holomorph *Valdensinia h.*): on 1, 6 BC [1426]; on 2, 7 Que [1430]; on 10, 13 BC [1438].

Verticillium dahliae: on 2 Que [188].

VERATRUM L. LILIACEAE

1. *V. viride* Ait. (*V. eschschotzii* Gray), white hellebore, tabac du diable; native, Yukon-Mack, BC-Alta, Ont-NB, Labr.

Cercosporella veratri (C:312): on 1 BC [1545, 1816].

Phyllosticta melanoplaca (C:312): on 1 BC [1545, 1816].

Puccinia veratri (C:312): rust, rouille: on 1 BC [1012, 1545, 1816].

VERBASCUM L. SCROPHULARIACEAE

1. *V. thapsus* L., common mullein, bouillon blanc; imported from Eurasia, introduced, BC-Alta, Man-Nfld.

Ophiobolus erythrosporus: on 1 Ont [1620].

O. mathieui: on *V.* sp. Ont [1620].

O. niesslii: on *V.* sp. Ont [1620].

Ramularia variabilis: on 1 Ont, Que [1554].

VERBENA L. VERBENACEAE

1. *V. hastata* L., blue vervain, verveine bleue; native, BC, Sask-NS.
2. *V. urticifolia* L., white vervain, verveine blanche; native, Sask, Ont-NB.

Erysiphe cichoracearum: powdery mildew, blanc: on 1 Que [1257]; on 1, 2 Ont [1257].

Ophiobolus anguillidus: on decaying stems of 1 Ont [1620].

VERNONIA Schreb. COMPOSITAE

1. *V. altissima* Nutt.; native in s. Ont.

Coleosporium vernoniae: rust, rouille: on 1 Ont [1236].

Erysiphe cichoracearum: powdery mildew, blanc: on 1 Ont [1257].

Puccinia longipes: rust, rouille: on 1 Ont [1259].

VERONICA L. SCROPHULARIACEAE

1. *V. alpina* L., alpine speedwell; native, Yukon-Labr, BC-Alta, Que, Nfld. 1a. *V. a.* var. *unalaschcensis* C. & S. (*V. wormskjoldii* Roemer & Schultes); native, transcontinental.
2. *V. americana* (Raf.) Schwein., American brooklime, véronique américaine; native, Yukon-Mack, BC-Nfld.
3. *V. arvensis* L., corn speedwell, véronique des champs; imported from Eurasia, introduced, BC, Ont-NS, Nfld, Labr.
4. *V. cusickii* Gray; native, BC.
5. *V. incana* L., woolly speedwell; imported from n. Asia.
6. *V. latifolia* L., Hungarian speedwell, véronique à larges feuilles; imported from Asia.
7. *V. longifolia* L., long-leaved speedwell, véronique à longues feuilles; imported from Eurasia, introduced, Alta-Sask, Ont-Nfld.
8. *V. officinalis* L., common speedwell, véronique officinale; imported from Eurasia, natzd., BC, Ont-Nfld. 8a. *V. o.* var. *tournefortii* (Vill.) Reichenb. (*V. tournefortii* Vill.); imported from Eurasia, natzd. NS-Nfld.
9. *V. serpyllifolia* L., thyme-leaved speedwell, veronique à feuilles de Serpolet. 9a. *V. s.* var. *humifusa* (Dickson) Vahl; native, BC-Sask, Ont-NS, Nfld, Labr. 9b. *V. s.* var. *s.*; imported from Eurasia, introduced Yukon, BC, Man-Nfld.

Cylindrosporella sp.: on 1a, 4 BC [1554].

Discogloeum veronicae (Gloeosporium v.) (C:313): leaf spot, anthracnose: on 8a BC [1816].

Entyloma linariae (C:313): on 2 Alta, Que [1554].

Isariopsis veronicae: on 1a BC [1554].

Peronospora grisea (C:313): downy mildew, mildiou: on 8 NB [333, 1194]; on 9a BC, Ont [1554].

Puccinia albulensis (C:313): rust, rouille: on 1a BC [1012].

P. albulensis ssp. *albulensis*: rust, rouille: on 1a BC [1552, 1555], Alta [1555].

P. albulensis ssp. *cascadensis*: rust, rouille: on 1a BC [1552]; on 4 BC [1555].

Ramularia veronicae (C:313): leaf spot, tache ramularienne: on 6 Ont [1554].

Schroeteria delastrina: on 3 BC, Ont [1554].

Sphaerotheca fuliginea (C:313): powdery mildew, blanc: on 5 Man [1257]; on 7 Ont, Que [1257], Que [1554].

S. macularis (S. humuli) (C:313): powdery mildew, blanc: on 8 NB [333, 1242].

VIBURNUM L. CAPRIFOLIACEAE

1. *V. acerifolium* L., maple-leaved viburnum, viorne à feuilles d'érable; native, Ont-Que.
2. *V. alnifolium* Marsh., hobblebush, bois d'orignal; native, Ont-PEI.
3. *V. cassinoides* L., wild raisin, bleuets sains; native, Ont-Nfld.
4. *V. edule* (Michx.) Raf., squashberry, pimbina; native, Yukon-Mack, BC-NS, Nfld, Labr.
5. *V. lentago* L., nannyberry, alisier; native, Sask-Que.
6. *V. opulus* L., guelder rose, obier; imported from Eurasia.
7. *V. rafinesquianum* Schultes, downy arrow-wood, viorne de Rafinesque; native, Man-Que.
8. *V. tinus* L., laurestinus viburnum, laurier-tin; imported from the Mediterranean region.
9. *V. trilobum* Marsh., highbush cranberry, viorne trilobée; native, BC-Nfld.

10. Host species not named, i.e., reported as *Viburnum* sp.

Aplosporella viburni (Sphaeropsis v.): on leaves of 5 Ont [439].
Ascochyta viburni (C:313): leaf spot, tache foliaire: on 4 BC [1816].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:313): gray mold, moisissure grise: on 6 NS [1032].
Cenangium ellisii: on 3 Ont [1340].
Coleosporium viburni (C:314): rust, rouille: II III on 3 NB, NS [1036, F74]; on 3, 5, 7 Ont [1236]; on 5 Man, Ont, Que [2008]; on 10 Que [F60, F67].
Conoplea globosa: on 5 Man [1760].
Dermea viburni (anamorph *Corniculariella hystricina*) (C:314): on 3 Que [654]; on 3, 5 Ont [654]; on 3, 10 Ont [1340].
Godronia fuckeliana: on 6 Ont [656]; on 10 Ont [F66].
G. viburni: on 4 Que [1684]; on 10 Ont [1340].
Massaria lantanae (M. plumigera var. *tetraspora)* (C:314): on 1 Ont [1340]; on 1, 5, 6 Ont [1627]; on 10 Ont [80].
Microsphaera penicillata (M. alni) (C:314): powdery mildew, blanc: on 1, 7 Ont [1257]; on 5 Man [1257], Ont [1660]; on 5, 9 Ont, Que [1257]; on 5, 10 Ont [1340]; on 8 BC [337].
Mycosphaerella punctiformis: on 1 Ont [1340].
Oidium sp.: powdery mildew, blanc: on 8 BC [1816].
Pezicula minuta (C:314): on 1, 10 Ont [1340].
Phyllosticta punctata (C:314): on live leaves of 6 Ont [439].
P. viburni: on leaves of 5 Ont [439].
Puccinia linkii (C:314): rust, rouille: on 4 NWT-Alta [1063], Mack [53], BC [1012, 1816], Ont [1236], Que [282, F61]; on 4, 10 Ont [1341]; on 9 NS [1032].
Stictis fusca (C:314): on twigs of 10 ?Man [1608].
Tympanis fasciculata (C:314): on 5 Ont [1340], NS [1925]; on 10 Ont, Que [1221].
T. grovesii: on 3 Ont, Que, NS [1221].
T. rhabdospora: on 10 Ont, Que, NS [1221].
Typhula viburni: on dead leaves of 3 Que [1385].
Verticillium albo-atrum (C:314): wilt, flétrissure verticillienne: on 10 Ont [333].

VICIA L. LEGUMINOSAE

1. *V. americana* Muhl., wild vetch, vesce d'Amérique; native, Mack, BC-NB. 1a. *V. a.* var. *oregana* Nutt.
2. *V. cracca* L., cow vetch, jargeau; imported from Eurasia, natzd., Yukon, BC-Nfld.
3. *V. faba* L., broad bean, fève des marais; imported from Africa and Asia.
4. *V. gigantea* Hook., giant vetch; native, BC.
5. *V. hirsuta* (L.) S.F. Gray, hoary tare, vesce hérissée; imported from Eurasia, introduced, BC-Alta, Ont-PEI.
6. *V. sativa* L., spring vetch, vesce cultivée; imported from Europe, introduced, BC, Man-Nfld. 6a. *V. s.* var. *angustifolia* (L.) Wahlenb. (*V. angustifolia* L.), narrow-leaved vetch, vesce à feuilles étroites; imported from Eurasia, introduced, BC, Man-Nfld.
7. *V. villosa* Roth, winter vetch, vesce velue; imported from Europe, escaped from cultivation, BC, Man-Que, NS.
8. Host species not named, i.e., reported as *Vicia* sp.

Absidia sp.: on seeds of 3 Man [1368].
Alternaria sp. (C:314): on 3 Sask [1095, 1096 from seeds and leaves] and on seeds Man [1368].
A. alternata: on seeds of 3 Man [1897].
Arthrinium sp.: on seeds of 3 Sask [1096].
Ascochyta sp.: on 6, 6a BC [1816].
A. fabae (C:314): leaf spot, ascochytose: on 3 BC [1816], Sask [1096 on seeds], Man [886, 1368 on seeds], NS [606].
A. pisi (C:314): leaf and pod spot, ascochytose du pois: on 1, 5 BC [1816].
Aspergillus sp.: on seeds of 3 Sask [1096], Man [1368].
A. candidus: on 3 Man [1897].
A. flavus: on seeds of 3 Man [1897].
A. glaucus group: on seeds of 3 Man [1897].
A. nidulans: on seeds on 3 Man [1897].
A. versicolor: on seeds on 3 Man [1897].
Aureobasidium sp. (*Pullularia* sp.): on seeds of 3 Sask [1096].
Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:314): gray mold or chocolate spot, moisissure grise: on 3 BC [1816], Alta [339]; on seeds of 3 Sask [1096], Man [1368].
B. fabae: on 3 Sask [1096], Man [1368] from seeds, NS [606].
Cephalosporium sp.: on 3 Sask [1096].
Chaetomium sp.: on seeds of 3 Sask [1096].
Cladosporium sp.: on leaves and seeds of 3 Sask [1096], and on seeds of 3 Man [1368].
C. cladosporioides (C:315): on seeds of 3 Man [1897].
Colletotrichum sp.: on 3 Sask [1096].
Coniella pulchella: on 3 Sask [1096], Ont [1622].
Epicoccum sp.: on seeds of 3 Sask [1096], Man [1368].
Erysiphe communis (E. polygoni) (C:315): powdery mildew, blanc: on 3 Sask [1095]. Inoculations [884] of *V. faba* and *V. americana* using *E. communis* showed these hosts to be "nonsusceptible" and the authors questioned the validity of earlier reports of *Erysiphe* on *Vicia*.
Flagelloscypha citrispora: on dead ?4 BC [1424].
Fusarium sp. (C:315): foot rot, pourridié fusarien: on seeds of 3 Sask [1096], Man [1368].

F. oxysporum f. sp. *fabae* (C:315): wilt, flétrissure fusarienne: on 3 Que [311 inoculated soil, 334, 335, 337].
Gliocladium sp.: on seeds of 3 Sask [1096].
Microsphaera sp.: powdery mildew, blanc: on 1, 3 Man [884] by inoculation.
M. penicillata (C:315): powdery mildew, blanc: on 2 Que, NS [1257].
M. penicillata var. *ludens*: powdery mildew, blanc: on 1, 3 Man [884] by inoculation; on 3 Sask [1096, 1137], Man [883, 885].
Mucor sp.: on seeds of 3 Man [1368, 1897].
Nigrospora sp.: on seeds of 3 Sask [1096].
Oidium sp.: powdery mildew, blanc: on 3 BC [1816].
Ovularia sp.: on 6a BC [1816].
Paecilomyces sp.: on seeds of 3 Sask [1096].
Pellidiscus pallidus: on dead 4 BC [1424].
Penicillium sp.: on seeds of 3 Sask [1096], Man [1368, 1897].
P. aurantiogriseum (P. cyclopium): on seeds of 3 Sask [1096].
Peronospora narbonensis (C:315): downy mildew, mildiou: on 1a BC [1816].
P. viciae (C:315): downy mildew, mildiou: on 6 BC [1816].
Pestalotia sp.: on 3 Sask [1096]. Probably referrable to *Pestalotiopsis* or *Truncatella*.
Pythium sp.: on 3 Sask [1096]; on 7 BC [1816].
Rhizoctonia sp.: on 3 Sask [1095, 1096].
Rhizopus sp.: on seeds of 3 Man [1368, 1897].
Sclerotinia sclerotiorum (C:315): sclerotinia rot, pourriture sclérotique: on 3 Sask [1096], Man [1368] from seeds.
Scopulariopsis brevicaulis: on seeds of 3 Man [1897].
Scytalidium sp.: on 3 Sask [1096].
Stemphylium sp.: on seeds of 3 Sask [1096].
S. botryosum (holomorph *Pleospora herbarum*) (C:315): on 3 BC [1816], Ont [667].
Streptomyces sp.: on seeds of 3 Man [1897].
Thamnidium sp.: on seeds of 3 Sask [1096].
Trichoderma sp.: on seeds of 3 Sask [1096].
Ulocladium consortiale (Stemphylium c.): on seeds of 3 Ont [667].
Uromyces sp.: rust, rouille: on 3 Man [1368]; on 8 Alta [1594].
U. coloradensis (C:315): rust, rouille: 0 I III on 1 Ont [1236].
U. coloradensis var. *maritimus*: rust, rouille: on 1a BC [1012, 1816].
U. viciae-fabae (U. fabae, Aecidium album) (C:315): rust, rouille: 0 I II III on 1 NWT-Alta [1063], Ont [437]; on 2 Ont [1237]; on 2, 8 Ont [1236]; on 3 Sask [1096], on 6, 6a BC [1816]; on 6a BC [1012].
Verticillium sp.: on 3 Sask [1096].

VINCA L. APOCYNACEAE

1. *V. major* L., large periwinkle, grande pervenche; imported from Europe, a garden escape, BC.

Puccinia vincae (C:315): rust, rouille: 0 II III on 1 Ont [1236].

VIOLA L. VIOLACEAE

1. *V. adunca* Sm., early blue violet, violette des chiens; native, Yukon-Mack, BC-Nfld, Labr.
2. *V. blanda* Willd., sweet white violet, violette agréable; native, Man-Que.
3. *V. canadensis* L., Canada violet, violette du Canada; native, Mack, BC-NS. 3a. *V. c.* var. *rugulosa* (Greene) Hitchc. (*V. r.* Greene); native, Mack, BC-Que.
4. *V. conspersa* Reichenb., American dog violet, violette décombante; native, Man-NS.
5. *V. cucullata* Ait., blue marsh violet, violette cucullée; native, Ont-Nfld.
6. *V. epipsila* Ledeb.; native, Yukon-Mack, BC, Man. The North American plant is referable to *V. e.* ssp. *repens* (Turcz.) Becker.
7. *V. eriocarpa* Schwein. (*V. pensylvanica* auct. non Michx.), smooth yellow violet, violette de Pennsylvanie; native, Man-PEI.
8. *V. glabella* Nutt., stream violet; native, BC-Alta.
9. *V. howellii* Gray; native, BC.
10. *V. incognita* Brainerd, large-leaved white violet, violette méconnue; native, Ont-Nfld.
11. *V. langsdorfii* (Regel) Fisch., Alaska violet; native, Yukon-BC.
12. *V. mackloskeyi* Lloyd; native, Mack-Keew, BC-Alta, Man-Nfld, Labr. 12a. *V. m.* var. *pallens* (Banks) Hitchc. (*V. pallens* (Banks) Brainerd), white snowdrops, violette pâle; native, Man-Nfld.
13. *V. nephrophylla* Greene, bog violet, violette néphrophylle; native, BC-Nfld.
14. *V. orbiculata* Geyer, round-leaved violet; native, BC-Alta.
15. *V. palustris* L., alpine marsh violet, violette des marais; native, BC-Que, Nfld, Labr.
16. *V. pedatifida* G. Don., larkspur violet; native, Alta-Ont.
17. *V. pubescens* Ait., downy yellow violet, violette pubescente; native, Man-Que.
18. *V. renifolia* Gray, kidneyleaf violet, violette réniforme; native, Yukon, BC-Nfld, Labr.
19. *V. sagittata* Ait., arrow-leaved violet, violette sagittée; native, Ont-PEI. 19a. *V. s.* var. *ovata* (Nutt.) Torr. & Gray (*V. fimbriatula* Sm.); native, Ont-PEI.
20. *V. selkirkii* Pursh, Selkirk's violet, violette de Selkirk; native, Yukon, BC-Nfld, Labr.

21. *V. septentrionalis* Greene, northern blue violet, vilette septentrionale; native, BC, Sask, Ont-Nfld.
22. *V. sororia* Willd., woolly blue violet, violette parente; native, Man-Que.
23. *V. tricolor* L., pansy, pensée; imported from Eurasia, a garden escape, BC-NS (including cultigens such as *V.* x *wittrockiana* Gams).
24. Host species not named, i.e., reported as *Viola* sp.

Ascochyta violae (C:316): leaf spot, tache ascochytique: on 23 BC [1816].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:316): gray mold, moisissure grise: on 23 BC [1816], NB [333, 1194, 1594]; on 24 Ont [163].

Cercospora granuliformis (C:316): on 23 NS [334, 338].

C. violae (C:316): leaf spot, tache cercosporéenne: on 23 BC [1816], NS [333].

Erysiphe communis (E. polygoni): powdery mildew, blanc: on 24 Que [1257].

Fusarium culmorum (C:316): on 23 BC [1816].

Mycocentrospora acerina (Centrospora a.) (C:316): on 23 NS [333, 334, 335, 338].

Myrothecium roridum (C:316): crown and stem rot, pourriture de la tige: on 23 BC [1816].

Oidium sp.: powdery mildew, blanc: on 23 BC [1816].

Puccinia sp.: rust, rouille: on 24 Ont [1341].

P. canadensis (C:316): rust, rouille: on 14 BC [1816], BC, Alta [1570].

P. ellisiana (C:316): rust, rouille: 0 I on 24 Ont [1236].

P. fergussonii (C:316): rust, rouille: on 6 Yukon [1571]; on 11, 15 BC [1571]; on 15 BC [1012, 1816].

P. glacieri: rust, rouille: on 8 BC [1574].

P. ornatula (C:316): rust, rouille: on 8 BC [1012, 1573, 1578, 1816].

P. violae (P. aegra, Aecidium v.) (C:316): rust, rouille: 0 I II III on 1 NWT-Alta [1063]; on 1, 2, 3, 4, 7, 12a, ? 13, 17, 20, 21, 22, 24 Ont [1236]; on 3, 8, 23 BC [1012]; on 3a, 8, 9, 23 BC [1816]; on 7 Ont [1828]; on 18 Ont [437]; on 24 Yukon [460], BC [644, 953], Ont [1827], Que [282], NB [1032].

P. violae ssp. *americana*: rust, rouille: on 1 Mack; on 1, 3, 6, 8, 9, 11, 15, 18 BC, on 1, 3, 13 Alta, Sask, on 1, 5, 20, 21 Que, on 3, 7, 12a, 17, 22 Ont, Que, on 4 Ont, on 10 NB, on 10, 12a, 19a NS, on 16, 18 Alta, on 10, 12a, 18 PEI. All from [1572].

P. violae ssp. *violae*: rust, rouille: on 23 BC [1012].

Ramularia lactea (C:316): leaf spot, tache ramularienne: on 23 BC [1816].

Sphaerotheca sp.: powdery mildew, blanc: on 23 Alta [1594].

S. macularis (C:316): powdery mildew, blanc: on 23 BC [333], Alta, Sask [339].

Synchytrium sp. (C:316): on 8 BC [1012, 1816].

VITIS L. VITACEAE

1. *V. labrusca* L., fox grape, vigne Isabelle; imported from e. USA.
2. *V. piasezkii* Maxim.; imported from China.
3. *V. riparia* Michx., wild grape, vigne sauvage; native, Man-NS.
4. *V. vulpina* L., winter grape, vigne foxée; imported from e. USA.
5. *V.* spp., cultivated grapes, vignes cultivée: There are three major groups of cultivated grapes in Canada: 5a. American cultivars, derived principally from North American species. An example is the Concord grapes. 5b. French hybrids, cultivars derived from both *V. vinifera* and the American cultivars. 5c. *V. vinifera* L., wine grape, la vigne; the grape commonly cultivated in Europe.
6. Host species not named, i.e., reported as *Vitis* sp.

Alternaria sp.: on 6 Ont [231].

Botryosphaeria obtusa (Physalospora o.) (C:317): on 5 Ont [1614]; on 6 Ont [231].

B. stevensii (anamorph *Diplodia mutila*) (C:317): on 6 Ont [1614].

Botrytis cinerea (holomorph *Botryotinia fuckeliana*): gray mold, moisissure grise: on 5 BC [335]; on 5c BC [1816]. In 1979 in 3 cultivars 20% of the Ontario crop was rotten by late September.

Cryptosporella viticola: in Ont on 5b (Seibel 10878) [336], 5c [337], 6 [231]. In association with the *Sphaeropsis* state of *Physalospora obtusa* and *Mycosporium* sp., *C. viticola* is a secondary saprophyte [336] (see C:317 under *Fusicoccum viticola*, and [1413]).

Discostroma corticola (Clathridium c.) (anamorph *Seimatosporium lichenicola*) (C:317): on 2 Ont [1613].

Elsinoe ampelina (anamorphs *Gloeosporium ampelophagum*, *Sphaceloma ampelinum*) (C:317): anthracnose, anthracnose: on 5c NS [338].

Eutypa armeniacae: on 5 Ont [1819]; on 6 Ont [1121].

Fusarium sp.: on 6 Ont [231].

Gliocladium sp.: on 6 Ont [231].

Guignardia bidwellii (anamorph *Phyllosticta ampelicida*) (C:317): black rot, pourriture noire: on 5 (var. *Agawam*) Ont [334]; on 5c BC [1816]; NS [337]; on 6 Que [336].

Lophiostoma winteri: on 5c Ont [234].

Pestalotia sp.: on 6 Ont [231].

Pestalotiopsis quadriciliata (Pestalotia q.): on 4 Ont [195].

Phoma sp.: on 6 Ont [231].

Phomopsis viticola (Fusicoccum v.) (C:317): dead arm, branche moribonde:

in Ont on 5 [1819], 5a, 5b [335], 5b [334], 6 [333].

Plasmopara viticola (C:317): downy mildew, mildiou: on 5 Ont [339]; on 5a, 5b Ont [334, 335]; on 5a Ont, Que [333].

Roesleria hypogeae: on 5c Ont [338].

Sphaeropsis malorum: on 6 Ont [231]. See comment under *Malus*.

Uncinula necator (C:317): powdery mildew, blanc: on 1, 3, 6 Ont [1257]; on 3 Que [1257]; on 5 BC [335], Ont [333]; on 5a, 5b Ont [334, 335]; on 5b BC [334]; on 5c BC [339, 1594, 1816], Ont [337, 339]; on 6 BC [1257], NS [334].

Verticillium dahliae: on 1 BC [1816, 1978].

WALDSTEINIA Willd. ROSACEAE

1. *W. fragarioides* (Michx.) Tratt., barren strawberry, waldsteinie faux-fraisier; native, Ont-NB.

Puccinia waldsteiniae (C:317): rust, rouille: III on 1 Ont [1236, 1341].

WOODWARDIA Sm. POLYPODIACEAE

1. *W. virginica* (L.) Sm., Virginia chain fern, woodwardie de Virginie; native, Ont-PEI.

Uredinopsis arthurii (C:318): rust, rouille: on 1 Que [1377]. See comment under *Abies*.

WYETHIA Nutt. COMPOSITAE

Coarse, tap-rooted perennial herbs native to the s. USA.

Puccinia balsamorhizae: rust, rouille: on *W.* sp. BC [1249].

XANTHIUM L. COMPOSITAE

1. *X. chinense* Mill., cocklebur, lampourde de Chine; native, BC-Que.
2. *X. echinatum* Murr., sea burdock, glouteron; native, Sask-Que.
3. *X. italicum* Moretti, cocklebur, glouteron; native, BC-NB, PEI.
4. *X. strumarium* L., cocklebur, glouteron; native, BC-Que. 4a. *X. s.* var. *canadense* (Mill.) Torr. & Gray (*X. canadense* Mill.).
5. Host species not named, i.e., reported as *Xanthium* sp.

Puccinia canaliculata: rust, rouille: on 3 BC [1816].

P. osoyoosensis: rust, rouille: on 4a BC [1559].

P. xanthii (C:318): rust, rouille: III on 1 Sask, Ont [1261]; on 1, 2, 3, 4 Ont [1236]; on 3 Sask, Ont [1245]; on 3, 5 Ont [1261]; on 4 Man [1245, 1261].

Verticillium dahliae: on 1 Ont [1087]; on 4a BC [1978].

YUCCA L. AGAVACEAE

1. *Y. filamentosa* L., Adam's-needle, yucca filamenteux; imported from se. USA.
2. *Y. recurvifolia* Salisb.; imported from s. USA, planted, s. Ont.

Microsphaeropsis concentrica (Coniothyrium c.) (C:318): leaf spot, tache zonale: on 1 BC [1816]; on 2 Ont [1130].

ZANTHOXYLUM L. RUTACEAE

Prickly, deciduous or evergreen shrubs or trees with aromatic bark.

1. *Z. americanum* Mill., northern prickly ash, frêne épineux; native, Ont-Que.

Massaria zanthoxyli: on 1 Ont [1628]; on *Z.* sp. Ont [80].

Phyllactinia guttata: powdery mildew, blanc: on 1 Ont, Que [1257].

ZEA L. GRAMINEAE

1. *Z. mays* L., maize, blé d'Inde; imported from South and Central America. 1a. *Z. m.* var. *rugosa* Bonsf., sweet corn.

Absidia sp.: on overwintered seeds 1 Ont [462].

Acremonium strictum: on overwintered seeds 1 Ont [462].

Alternaria sp.: on 1 Ont [1772, 1948].

A. alternata (A. tenuis auct.*)* (C:318): on 1 Man [1114], Ont [349, 462 on seeds].

Arthrinium phaeospermum: on 1 Man [1760].

Aspergillus sp.: on overwintered seeds of 1 Ont [462]; on 1a Que [1300].

A. candidus: on overwintered plants of 1 Man [1114], on overwintered seeds of 1 Ont [462].

A. flavus: on overwintered plants of 1 Man [1114]; on overwintered seeds of 1 Ont [462].

A. fumigatus: on overwintered seeds of 1 Ont [462].

A. glaucus group: on overwintered plants of 1 Man [1114]; on overwintered seeds of 1 Ont [462].

A. terreus: on overwintered seeds of 1 Ont [462].

Aureobasidium zeae (Kabatiella z.): on 1 Ont [536, 1595], Que [237, 239].

Bipolaris maydis (Helminthosporium m.) (holomorph *Cochliobolus heterostrophus*) (C:319): on 1 Ont [170, 540, 542, 1508], Que [237], PEI [859].

B. sorokiniana (holomorph *Cochliobolus sativus*) (C:318): on overwintered plants of 1 Man [1052].

Cephalosporium acremonium (C:318): on overwintered plants of 1 Man [1114]. See comment under *Avena*.

Chaetomium sp.: on overwintered seeds of 1 Ont [462].

C. globosum (C:318): on 1 Ont [462 on overwintered seeds, 1340].

Cladosporium sp.: on overwintered seeds [462] and on injured and uninjured kernels [1772] of 1 Ont.

C. cladosporioides (Hormodendrum c.) (C:318): on overwintered plants of 1 Man [1114]; on seeds of 1 Ont [349, 337, 1883].

Dendryphion nanum: on 1 Man [819, 1760].

Drechslera phlei: on 1 Ont [1611]. Usually on *Phleum*, but occurs as a saprophyte on other genera.

Epicoccum purpurascens: on overwintered plants of 1 Man [1114]; on overwintered seeds of 1 Ont [462].

Exserohilum turcicum (Bipolaris t., Helminthosporium t.) (holomorph *Setosphaeria t.*) (C:318): leaf spot, tache foliaire: on 1 Man, Ont [337], Ont [116, 1882], Que [237]; on 1, 1a Ont [334, 335, 336].

Fusarium sp. (C:319): root, stalk and ear rot, pourriture fusarienne: on 1 Man [1114] on overwintered plants, Ont [1460, 1772 on injured and uninjured kernels, 1948], Ont, NB [1594], Que [337].

F. acuminatum (C:318): on overwintered plants of 1 Man [1114].

F. avenaceum: on overwintered plants of 1 Man [1114].

F. culmorum (C:319): on 1 BC [1816].

F. equiseti (C:319): root, stem and ear rot, pourriture fusarienne: on 1 Ont [1948].

F. graminearum (holomorph *Gibberella zeae*) (C:319): on 1 Ont [349, 337 on seeds, 338, 339, 462 on overwintered seeds, 1145, 1166, 1167, 1594, 1771, 1772 on uninjured kernels, 1882, 1883].

F. moniliforme (C:319): on 1 Ont [349, 337, 338, 339, 1771, 1772, 1948, 1882, 1949]; on 1a Ont [335].

F. moniliforme var. *subglutinans* (C:319): on overwintered seeds of 1 Ont [462].

F. oxysporum (C:318): on overwintered plants of 1 Man [1114]; on 1 Ont [349 on seeds, 1948].

F. poae (C:319): on overwintered seeds of 1 Man [1114], Ont [462].

F. roseum: on 1 Ont [1008].

F. roseum f. sp. *cerealis*: on 1 Ont [1147]. This may be *F. graminearum*.

F. sacchari: on overwintered plants of 1 Man [1114].

F. sambucinum: on overwintered plants of 1 Man [1114].

F. solani (holomorph *Nectria haematococca*) (C:319): on 1 Ont [1772].

F. sporotrichioides: on overwintered plants of 1 Man [1114].

F. sulphureum: on overwintered plants of 1 Man [1114].

F. tricinctum: on 1 Man [1114] on overwintered plants, Ont [1772, 1883]. In Wall [1883] the authorities for the species name are given as Snyder and Hansen. The Snyder and Hansen species concept was broad and included, for example, *F. poae*.

Gibberella zeae (anamorph *Fusarium graminearum*) (C:319): on 1 Ont [335, 336, 447, 448, 538, 539, 541, 1146, 1949], Que [237, 238].

Gonatobotrys simplex: on overwintered plants of 1 Man [1114].

Kabatiella sp.: on 1 Ont [542].

Microascus longirostris: on seeds of 1 Ont [308, 462].

Mucor sp.: on overwintered plants of 1 Man [1114] and from injured kernels Ont [1772].

Nigrospora oryzae (holomorph *Khuskia o.*) (C:319): on 1 Sask [339], Man [1114] on overwintered plants.

Paecilomyces varioti (C:318): on seeds of 1 Ont [150].

Penicillium sp.: on 1 Man [1114] on overwintered plants, Ont [462 on overwintered seeds, 1772].

Phoma sp.: on overwintered seeds of 1 Ont [462].

P. terrestris (Pyrenochaeta t.): on 1 Ont [1948].

Phyllosticta sp.: on 1 Ont [536, 542, 1595].

P. maydis: on 1 Ont [1700].

Puccinia sorghi (C:319): rust, rouille: II III on 1 Ont [337, 1236, 1341, 1882], Que [194, 339, 1103, 1104].

Pythium arrhenomanes (C:319): on 1 Ont [1948].

P. irregulare: on 1 Ont [868] by inoculation.

P. torulosum: on 1 Ont [868] by inoculation.

Rhizophydium graminis: on 1, 1a Ont [59].

Rhizopus sp.: on injured kernels of 1 Ont [1772].

R. arrhizus: on overwintered plants of 1 Man [1114].

Sclerophthora macrospora: on 1 Ont [536, 1595].

Setosphaeria turcica (Trichometasphaeria t.) (anamorph *Bipolaris t.*): on 1a Ont [115].

Sphacelotheca reiliana: on 1 Ont [1019]. First reported in Canada in the fall of 1979 from s. Ont. Subsequently the fungus has been found in nearly 70 fields of field and sweet corn in BC, Ont and Que. Typically the percentage of infection was traced to light but in Ont several fields had 30% infection.

Stenocarpella maydis (Diplodia m.) (C:318): dry rot, pourriture sèche: on 1 BC [339], Ont [1752].

Torula herbarum: on 1 Man [1760].

Trichoderma sp.: on 1 Ont [1772 from injured and uninjured kernels, 1948].

T. hamatum: on 1 Ont [1072].

T. harzianum: on 1 Ont [1072].

T. koningii: on 1 Ont [1072, 1769].

Ustilago maydis (U. zeae) (C:318): smut, charbon: on 1 BC [1816], BC, Alta, Sask [339], Sask, Ont [337, 1594], Sask, Que, PEI [338], Man, Ont, Que [335], Ont

[1460, 1882], Que [237, 1385], Que, NB, NS [1594], NB [337]; on la Alta, Sask [334], Sask [333], Ont, NS [336].

Volutella ciliata: on 1 Ont [1340]. Reported as *V.* "*setula*", no doubt a lapsus calami.

ZINNIA L. COMPOSITAE

1. *Z. elegans* Jacq., common zinnia, zinnia; imported from Mexico.
2. Host species not named, i.e., reported as *Zinnia* sp.

Alternaria zinniae ("*A. zinniae* Pape") (C:319): alternaria blight, brûlure alternarienne: on 1 BC [1816], Ont [1944]; on 2 Ont [333, 334], Que [335], NB [333, 1194], NS [333, 336]. Pape's name is not validly published because the description lacked both a Latin description and designation of a type specimen.

Botrytis cinerea (holomorph *Botryotinia fuckeliana*) (C:319): gray mold, moisissure grise: on 1 BC [1816], Ont [163].

Erysiphe cichoracearum (C:319): powdery mildew, blanc: on 1 Ont [338], Ont, Que [337, 1257]; on 2 NS [333].

E. communis: powdery mildew, blanc: on 2 Ont, Que [334]. Probably specimens of *E. cichoracearum*.

Fusarium sp. (C:319): wilt, flétrissure fusarienne: on 1 BC [1816].

Phytophthora cryptogea (C:319): foot rot, mildiou du pied: on 1 BC [1816]; on 2 Ont [333].

Rhizoctonia solani (holomorph *Thanatephorus cucumeris*): on 1 Ont [338].

Sclerotinia sclerotiorum (C:319): stem rot, pourriture sclérotique: on 2 NS [333], PEI [334].

ZIZANIA L. GRAMINEAE

1. *Z. aquatica* L., wild rice, riz sauvage; native, Sask-PEI.

Claviceps sp.: on 1 Alta [1781].

Drechslera catenaria (C:320): on 1 Ont [1611].

ZIZIA Koch UMBELLIFERAE

1. *Z. aurea* (L.) Koch, golden alexanders, zizie dorée; native, Sask-NS.

Puccinia angelicae (C:320): rust, rouille: on 1 Man, Que [1236], Que [1551].

ZOSTERA L. ZOSTERACEAE

1. *Z. marina* L., eel grass, mousse de mer; native, Keew, BC, Man-Nfld, Labr.

Lulworthia halima (C:320): on 1 Que, NB, NS [1620].

ZYGADENUS Michx. LILIACEAE

1. *Z. elegans* Pursh (*Z. glaucus* Nutt.), white camas, zigadène élégant; native, Yukon-Mack, BC-NB.
2. *Z. venenosus* Wats., death camas; native, BC-Sask.

Puccinia atropuncta (C:320): rust, rouille: II III on 1 Ont [1236], Que [1545].

P. grumosa (C:320): rust, rouille: on 1 Yukon [7, 460], Yukon, BC, Alta [1545], BC [1816].

Uromyces zygadeni (C:320): rust, rouille: on 2 BC [1545, 1816].

ZYGOCACTUS K. Schum. CACTACEAE

Flat-stemmed short jointed cacti often cultivated for bright showy flowers; imported from Brazil.

Fusarium sp.: on *Z.* sp. Que [338].

BIBLIOGRAPHY

C. CONNERS, I.L. 1967. An Annotated Index of Plant Diseases in Canada. Can. Dept. Agr. Publ. 1251. Ottawa. 381 p.

F60. Forest Insect and Disease Survey, Ann. Report for 1960. Published in 1961. Can. Forestry Service, Ottawa.

F61. F.I.D.S., Ann. Report 1961. Publ. 1962.

F62. F.I.D.S., Ann. Report 1962. Publ. 1963.

F63. F.I.D.S., Ann. Report 1963. Publ. 1964.

F64. F.I.D.S., Ann. Report 1964. Publ. 1965.

F65. F.I.D.S., Ann. Report 1965. Publ. 1966.

F66. F.I.D.S., Ann. Report 1966. Publ. 1967.

F67. F.I.D.S., Ann. Report 1967. Publ. 1968.

F68. F.I.D.S., Ann. Report 1968. Publ. 1969.

F69. F.I.D.S., Ann. Report 1969. Publ. 1970.

F70. F.I.D.S., Ann. Report 1970. Publ. 1971.

F71. F.I.D.S., Ann. Report 1971. Publ. 1972.

F72. F.I.D.S., Ann. Report 1972. Publ. 1973.

F73. F.I.D.S., Ann. Report 1973. Publ. 1974.

F74. F.I.D.S., Ann. Report 1974. Publ. 1975.

F75. F.I.D.S., Ann. Report 1975. Publ. 1977.

F76. F.I.D.S., Ann. Report 1976. Publ. 1979.

1. AGNIHOTRI, V.P. & O. VAARTAJA. 1967. Can. J. Bot. 45: 1031-1040.

2. ALKHOURY, I. & R.H. ESTEY. 1979. Phytoprotection 60: 171.

3. ALLEN, W.R. 1974. Can. J. Plant Sci. 54: 431-432.

4. AMMIRATI, J., J. TRAQUAIR, S. MARTIN, W. GILLON & J. GINNS. 1979. Mycologia 71: 310-321.

5. ANASTASIOU, C.J. & L.M. CHURCHLAND. 1969. Can. J. Bot. 47: 251-257.

6. ANDERSON, J.B. & R.C. ULLRICH. 1979. Mycologia 71: 402-414.

7. ANDERSON, J.P. 1952. Iowa State Coll. J. Sci. 26: 507-526.

8. ANDERSON, T.R. 1980. Can. Plant Dis. Survey 60: 33-34.

9. ARNOLD, R.H. 1967. Can. J. Bot. 45: 783-801.

10. ARNOLD, R.H. 1970. Can. J. Bot. 48: 1525-1540.

11. ARNOLD, R.H. 1971. Can. J. Bot. 49: 2187-2196.

12. ARNOLD, R.H. 1974. Fungi Canadenses No. 17, National Mycological Herbarium, Agriculture Canada, Ottawa.

13. ARNOLD, R.H. 1974. Fungi Canadenses No. 30, National Mycological Herbarium, Agriculture Canada, Ottawa.

14. ARNOLD, R.H. 1975. Fungi Canadenses No. 70, National Mycological Herbarium, Agriculture Canada, Ottawa.

15. ARNOLD, R.H. & J.C. CARTER. 1974. Mycologia 66: 191-197.

16. ARNOLD, R.H. & R.C. RUSSELL. 1960. Mycologia 52: 499-512.

17. ARNOLD, R.H. & A.E. STRABY. 1973. Can. Plant Dis. Survey 53: 183-186.

18. ARNOTT, J.T. 1974. Can. J. Forest Res. 4: 69-75.

19. ÅRSVOLL, K. & J. D. SMITH. 1979. Can. J. Bot. 56: 348-364.

20. ARX, J. 1970. Biblio. Mycol. 24: 1-203.

21. ATKINSON, G.F. 1905. J. Mycol. 11: 248-267.

22. ATKINSON, R.G. 1961. Can. J. Bot. 39: 1531-1536.

23. ATKINSON, R.G. 1965. Can. J. Bot. 43: 1471-1475.

24. ATKINSON, R.G. 1965. Can. J. Plant Sci. 45: 609-611.

25. ATKINSON, R.G. 1965. Can. Phytopath. Soc. Proc. 32: 10.

26. ATKINSON, R.G. 1970. Can. J. Plant Sci. 50: 565-568.

27. ATKINSON, R.G. 1980. Can. J. Plant Sci. 60: 747-749.

28. ATKINSON, R.G. & R.M. ADAMSON. 1977. Can. J. Plant Sci. 57: 675-680.

29. ATKINSON, R.G. & J.G. TRELAWNY. 1962. Can. Plant Dis. Survey 42: 151-154.

30. AUBE, C. 1965. Phytoprotection 46: 123-124.

31. AUBE, C. 1966. Can. Plant Dis. Survey 46: 11-13.

32. AUBE, C. 1967. Can. Plant Dis. Survey 47: 25-27.

33. AUBE, C. 1969. Can. J. Plant Sci. 49: 737-742.

34. AUBE, C. & J. DESCHENES. 1967. Plant Disease Rep. 51: 573-577.

35. AUBE, C. & W.E. SACKSTON. 1963. Can. Phytopath. Soc. Proc. 30: 10.

36. AUBE, C. & W.E. SACKSTON. 1964. Can. J. Plant Sci. 44: 427-432.

37. AUBE, C. & W.E. SACKSTON. 1964. Phytoprotection 45: 44.

38. AUBE, C. & W.E. SACKSTON. 1965. Can. J. Bot. 43: 1335-1342.

39. AUBE, C. & W.E. SACKSTON. 1966. Phytoprotection 47: 91.

40. AYERS, G.W. 1972. Can. Plant Dis. Survey 52: 77-81.

41. AYERS, G.W. & G.C. RAMSAY. 1961. Can. Plant Dis. Survey 41: 199-202.

42. BANDONI, R.J. 1963. Can. J. Bot. 41: 467-474.

43. BANDONI, R.J. 1972. Can. J. Bot. 50: 2283-2285.
44. BANDONI, R.J. & D.J.S. BARR. 1976. Trans. Mycol. Soc. Japan 17: 220-225.
45. BANDONI, R.J., J.R. MAZE & J.P. DELANGE. 1979. Syesis 12: 105-106.
46. BANHAM, F.L. 1960. Can. J. Plant Sci. 40: 165-171.
47. BANTING, J.D., Y.S. WU & L.H. SHEBESKI. 1961. Can. J. Plant Sci. 41: 137-152.
48. BANVILLE, G.-J. 1970. Phytoprotection 51: 152.
49. BANVILLE, G.-J. 1971. Can. Phytopath. Soc. Proc. 38: 13.
50. BARANYAY, J.A. 1963. Can. Phytopath. Soc. Proc. 30: 10.
51. BARANYAY, J.A. 1966. Can. J. Bot. 44: 597-604.
52. BARANYAY, J.A. 1967. Forestry Chronicle 43: 372-380.
53. BARANYAY, J.A. 1968. Can. Dept. Forestry & Rural Devel. Publ. 1238. Ottawa.
54. BARANYAY, J.A. & A. FUNK. 1969. Can. J. Bot. 47: 1011-1014.
55. BARANYAY, J.A. & Y. HIRATSUKA. 1967. Can. J. Bot. 45: 189-191.
56. BARANYAY, J.A. & R.B. SMITH. 1974. Can. J. Forest Res. 4: 361-365.
57. BARANYAY, J.A. & G.R. STEVENSON. 1964. Forestry Chronicle 40: 350-361.
58. BARR, D.J.S. 1968. Can. J. Bot. 46: 1087-1091.
59. BARR, D.J.S. 1973. Can. Plant Dis. Survey 53: 191-193.
60. BARR, D.J.S. 1979. Can. J. Plant Path. 1: 85-94.
61. BARR, D.J.S. 1980. Can. J. Plant Path. 2: 116-118.
62. BARR, D.J.S. 1980. Fungi Canadenses No. 176, National Mycological Herbarium, Agriculture Canada, Ottawa.
63. BARR, D.J.S. & E.O. CALLEN. 1963. Phytoprotection 44: 18-24.
64. BARR, D.J.S. & V.E. HADLAND-HARTMANN. 1977. Can. J. Bot. 55: 3063-3074.
65. BARR, D.J.S. & V.E. HARTMANN. 1977. Can. J. Bot. 55: 1221-1235.
66. BARR, D.J.S. & C.J. HICKMAN. 1967. Can. J. Bot. 45: 423-430.
67. BARR, D.J.S. & W.G. KEMP. 1975. Can. Plant Dis. Survey 55: 77-82.
68. BARR, D.J.S. & J.T. SLYKHUIS. 1969. Can. Plant Dis. Survey 49: 112-113.
69. BARR, D.J.S. & J.T. SLYKHUIS. 1976. Can. Plant Dis. Survey 56: 77-81.
70. BARR, M.E. 1961. Can. J. Bot. 39: 307-325.
71. BARR, M.E. 1964. Mycologia 56: 841-862.
72. BARR, M.E. 1967. Can. J. Bot. 45: 1041-1046.
73. BARR, M.E. 1968. Can. J. Bot. 46: 799-864.
74. BARR, M.E. 1970. Mycologia 62: 377-394.
75. BARR, M.E. 1972. Contrib. Univ. Mich. Herb. 9: 523-638.
76. BARR, M.E. 1976. Mycologia 68: 611-621.
77. BARR, M.E. 1977. Mycologia 69: 952-966.
78. BARR, M.E. 1977. Mycotaxon 6: 17-23.
79. BARR, M.E. 1978. The Diaporthales in North America. Mycol. Soc. Amer. Memoir No. 7. Cramer, Lehre, Germany. 232 p.
80. BARR, M.E. 1979. Mycotaxon 9: 17-37.
81. BARRON, G.L. 1961. Can. J. Bot. 39: 1573-1578.
82. BARRON, G.L. 1962. Can. J. Bot. 40: 589-607.
83. BARRON, G.L. 1962. Can. J. Bot. 40: 1603-1613.
84. BARRON, G.L. & C. BOOTH. 1966. Can. J. Bot. 44: 1057-1061.
85. BARRON, G.L., R.F. CAIN & J.C. GILMAN. 1961. Can. J. Bot. 39: 837-845.
86. BARRON, G.L., R.F. CAIN & J.C. GILMAN. 1961. Can. J. Bot. 39: 1629-1632.
87. BARTON, G.M. 1967. Can. J. Bot. 45: 1545-1552.
88. BASHAM, J.T. 1966. Can. J. Bot. 44: 275-295.
89. BASHAM, J.T. 1966. Can. J. Bot. 44: 849-860.
90. BASHAM, J.T. 1973. Can. J. Bot. 51: 1379-1392.
91. BASHAM, J.T. 1975. Can. J. Forest Res. 5: 706-721.
92. BASHAM, J.T. & H.W. ANDERSON. 1977. Can. J. Bot. 55: 934-976.
93. BASHAM, J.T. & L.D. TAYLOR. 1965. Plant Disease Rep. 49: 771-774.
94. BASHAM, J.T., H.M. GOOD & L.D. TAYLOR. 1969. Can. J. Bot. 47: 1629-1634.
95. BASHAM, J.T., J. HUDAK, D. LACHANCE, L.P. MAGASI & M.A. STILLWELL. 1976. Can. J. Forest Res. 6: 406-414.
96. BASU, P.K. 1961. Can. J. Bot. 39: 165-196.
97. BASU, P.K. 1962. Can. Phytopath. Soc. Proc. 29: 12.
98. BASU, P.K. 1962. Can. Plant Dis. Survey 42: 246-252.
99. BASU, P.K. 1974. Can. Plant Dis. Survey 54: 24-25.
100. BASU, P.K. 1974. Can. Plant Dis. Survey 54: 45-51.
101. BASU, P.K. 1975. Can. Phytopath. Soc. Proc. 42: 19.
102. BASU, P.K. 1976. Plant Disease Rep. 60: 1037-1040.
103. BASU, P.K. 1978. Can. Plant Dis. Survey 58: 5-8.

104. BASU, P.K. 1980. Can. Plant Dis. Survey 60: 23-24.
105. BASU, P.K., C.S. LIN. & M.R. BINNS. 1977. Can. J. Plant Sci. 57: 1091-1097.
106. BASU, P.K., N.J. BROWN, R. CRETE, C.O. GOURLEY, H.W. JOHNSTON, H.S. PEPIN & W.L. SEAMAN. 1976. Can. Plant Dis. Survey 56: 25-32.
107. BASU, P.K., R. CRETE, A.G. DONALDSON, C.O. GOURLEY, J.H. HAAS, F.R. HARPER, C.H. LAWRENCE, W.L. SEAMAN, H.N.W. TOMS, S.I. WONG & R.C. ZIMMER. 1973. Can. Plant Dis. Survey 53: 49-57.
108. BATRA, L.R. 1963. Mycologia 55: 508-520.
109. BATRA, L.R. 1967. Mycologia 59: 976-1017.
110. BEAUCHAMP, P. & G.J. PELLETIER. 1979. Phytoprotection 60: 167.
111. BEDARD, R. & R.O. LACHANCE. 1970. Phytoprotection 51: 72-77.
112. BENEDICT, W.G. 1960. Can. Phytopath. Soc. Proc. 27: 12.
113. BENEDICT, W.G. 1966. Can. J. Plant Sci. 46: 553-560.
114. BENEDICT, W.G. 1971. Can. J. Bot. 49: 1721-1726.
115. BENEDICT, W.G. 1976. Can. J. Bot. 54: 552-555.
116. BENEDICT, W.G. 1979. Can. J. Bot. 57: 1809-1814.
117. BERKENKAMP, B. 1969. Can. J. Bot. 47: 453-456.
118. BERKENKAMP, B. 1969. Can. Plant Dis. Survey 49: 65.
119. BERKENKAMP, B. 1971. Can. Plant Dis. Survey 51: 96-100.
120. BERKENKAMP, B. 1971. Phytoprotection 52: 52-57.
121. BERKENKAMP, B. 1972. Can. Plant Dis. Survey 52: 51-55.
122. BERKENKAMP, B. 1972. Can. Plant Dis. Survey 52: 62-63.
123. BERKENKAMP, B. 1973. Can. Plant Dis. Survey 53: 11-15.
124. BERKENKAMP, B. 1974. Can. Plant Dis. Survey 54: 111-115.
125. BERKENKAMP, B. 1977. Can. Plant Dis. Survey 57: 65-67.
126. BERKENKAMP, B. 1980. Can. J. Plant Sci. 60: 1039-1040.
127. BERKENKAMP, B. & H. BAENZIGER. 1962. Can. Plant Dis. Survey 42: 265.
128. BERKENKAMP, B. & H. BAENZIGER. 1969. Can. J. Plant Sci. 49: 181-183.
129. BERKENKAMP, B. & K. DEGENHARDT. 1974. Can. Plant Dis. Survey 54: 35-36.
130. BERKENKAMP, B. & H. VAARTNOW. 1972. Can. J. Plant Sci. 52: 973-976.
131. BERKENKAMP, B., L.P. FOLKINS & J. MEERES. 1969. Plant Disease Rep. 53: 348-349.
132. BERKENKAMP, B., L.P. FOLKINS & J. MEERES. 1972. Can. Plant Dis. Survey 52: 1-3.
133. BERKENKAMP, B., L.P. FOLKINS & J. MEERES. 1973. Can. Plant Dis. Survey 53: 36-38.
134. BERKENKAMP, B., L.P. FOLKINS & J. MEERES. 1978. Can. J. Plant Sci. 58: 893-894.
135. BERNIER, C.C. 1972. Can. Plant Dis. Survey 52: 108.
136. BHATT, G.C. & G.L. BARRON. 1965. Can. Phytopath. Soc. Proc. 32: 11.
137. BIER, J.E. 1965. Can. J. Bot. 43: 877-883.
138. BIER, J.E. 1965. Forestry Chronicle 41: 306-313.
139. BIER, J.E. & M.H. ROWAT. 1963. Can. J. Bot. 41: 1585-1596.
140. BIER, J.E., P. SALISBURY & R. WALDIE. 1948. Canada Dept. Agr., Ottawa. Tech. Bull. 66 (Publ. 804).
141. BIGELOW, H.E. & M.E. BARR. 1960. Rhodora 62: 187-198.
142. BIGELOW, H.E. & M.E. BARR. 1962. Rhodora 64: 127-137.
143. BIGELOW, H.E. & M.E. BARR. 1963. Rhodora 65: 289-309.
144. BIGELOW, H.E. & M.E. BARR. 1966. Rhodora 68: 175-191.
145. BIGELOW, H.E. & M.E. BARR. 1969. Rhodora 71: 177-203.
146. BIRD, C.J. & D.W. GRUND. 1979. Proc. Nova Scotian Institute Sci. 29(1): 1-131.
147. BISSETT, J. 1977. Fungi Canadenses No. 102, National Mycological Herbarium, Agriculture Canada, Ottawa.
148. BISSETT, J. 1979. Can. J. Bot. 57: 2071-2081.
149. BISSETT, J. 1979. Can. J. Bot. 57: 2082-2095.
150. BISSETT, J. 1979. Fungi Canadenses No. 151, National Mycological Herbarium, Agriculture Canada, Ottawa.
151. BISSETT, J. 1979. Fungi Canadenses No. 152, National Mycological Herbarium, Agriculture Canada, Ottawa.
152. BISSETT, J. 1979. Fungi Canadenses No. 153, National Mycological Herbarium, Agriculture Canada, Ottawa.
153. BISSETT, J. 1979. Fungi Canadenses No. 160, National Mycological Herbarium, Agriculture Canada, Ottawa.
154. BLOOMBERG, W.J. 1962. Can. J. Bot. 40: 1271-1280.
155. BLOOMBERG, W.J. 1965. Forestry Chronicle 41: 182-187.
156. BLOOMBERG, W.J. 1966. Can. J. Bot. 44: 413-420.
157. BLOOMBERG, W.J. & G.W. WALLIS. 1979. Can. J. Forest Res. 9: 76-81.
158. BOHAYCHUK, W.P. & R.D. WHITNEY. 1973. Can. J. Bot. 51: 801-815.
159. BOLTON, A.T. 1963. Can. J. Bot. 41: 237-241.
160. BOLTON, A.T. 1963. Can. J. Bot. 41: 503-543.

161. BOLTON, A.T. 1964. Can. Plant Dis. Survey 44: 267.
162. BOLTON, A.T. 1966. Phytoprotection 47: 84-88.
163. BOLTON, A.T. 1976. Can. J. Plant Sci. 56: 861-864.
164. BOLTON, A.T. 1977. Can. J. Plant Sci. 57: 87-92.
165. BOLTON, A.T. 1978. Can. Plant Dis. Survey 58: 83-86.
166. BOLTON, A.T. & W.E. CORDUKES. 1979. Can. J. Plant Sci. 59: 1113-1116.
167. BOLTON, A.T. & A.G. DONALDSON. 1972. Can. J. Plant Sci. 52: 189-196.
168. BOLTON, A.T. & J.B. JULIEN. 1961. Can. Plant Dis. Survey 41: 261-264.
169. BOLTON, A.T. & V.W. NUTTALL. 1968. Can. J. Plant Sci. 48: 161-166.
170. BOLTON, A.T. & W.L. SEAMAN. 1972. Can. Plant Dis. Survey 52: 70-71.
171. BOLTON, A.T. & F.J. SVEJDA. 1979. Can. Plant Dis. Survey 59: 38-42.
172. BOLTON, A.T., A.G. DONALDSON & V.W. NUTTALL. 1970. Can. Plant Dis. Survey 50: 107-108.
173. BOLTON, A.T., V.W. NUTTALL & L.H. LYALL. 1965. Can. J. Plant Sci. 45: 343-348.
174. BONAR, L. 1962. Mycologia 54: 395-399.
175. BOOTH, C. 1959. Commonw. Mycol. Inst., England, Mycol. Paper 73.
176. BOOTH, C. 1966. Commonw. Mycol. Inst., England, Mycol. Paper 104.
177. BOOTH, T. 1969. Syesis 2: 141-161.
178. BOOTH, T. 1971. Syesis 4: 197-208.
179. BOOTSMA, A. 1979. Can. Plant Dis. Survey 59: 63-66.
180. BORDEN, J.H. & M. MCCLAREN. 1970. Syesis 3: 145-154.
181. BORNO, C. & B.J. VAN DER KAMP. 1975. Can. J. Bot. 53: 1266-1269.
182. BOURCHIER, R.J. 1961. Can. J. Bot. 39: 1373-1385.
183. BOURCHIER, R.J. 1961. Can. J. Bot. 39: 1781-1784.
184. BOYER, M.G. 1961. Can. J. Bot. 39: 1195-1204.
185. BOYER, M.G. 1961. Can. J. Bot. 39: 1409-1427.
186. BOYER, M.G. 1967. Can. J. Bot. 45: 501-513.
187. BRADBURY, J.F. & R.W. FISHER. 1964. Plant Disease Rep. 48: 104-105.
188. BRISSON, J.D., J.F. PAUZE & V. LAVOIE. 1974. Aspects mycologiques et histopathologiques du dépérissement des tiges de *Vaccinium angustifolium* Aiton. Cahier no. 13. Faculté sci. agr. et alimen., Univ. Laval, Ste-Foy, Qué.
189. BRISSON, J.D., K.A. PIROZYNSKI & J.F. PAUZE. 1975. Can. J. Bot. 53: 2866-2871.
190. BRODIE, H.J. 1968. Can. Field-Nat. 75: 41-42.
191. BRODIE, H.J. 1970. Can. J. Bot. 48: 847-849.
192. BROUGH, S. & R.J. BANDONI. 1975. Syesis 8: 301-303.
193. BROUGH, S.G. 1974. Can. J. Bot. 52: 1853-1859.
194. BROWN, R.I. 1966. Can. Plant Dis. Survey 46: 143.
195. BUBAK, Fr. 1916. Hedwigia 58: 15-34.
196. BUCHANNON, K.W. & W.C. MCDONALD. 1965. Can. J. Plant Sci. 45: 189-193.
197. BUCHANNON, K.W. & H.A.H. WALLACE. 1962. Can. J. Plant Sci. 42: 534-536.
198. BURDSALL, H.H. 1969. Mycologia 61: 915-923.
199. BURRAGE, R.H. & R.D. TINLINE. 1960. Can. J. Plant Sci. 40: 672-679.
200. BUSCH, L.V. 1961. Can. Plant Dis. Survey 41: 167-168.
201. BUSCH, L.V. 1967. Can. Plant Dis. Survey 47: 76-77.
202. BUSCH, L.V. & G.L. BARRON. 1963. Can. J. Plant Sci. 43: 166-173.
203. BUSCH, L.V. & L.E. PHILPOTTS. 1972. Can. Phytopath. Soc. Proc. 39: 26.
204. BUSCH, L.V. & E.A. SMITH. 1976. Can. Phytopath. Soc. Proc. 43: 33.
205. BUSCH, L.V. & E.A. SMITH. 1978. Can. Plant Dis. Survey 58: 73-74.
206. BUZZELL, R.I., J.H. HAAS, L.G. CRAWFORD & O. VAARTAJA. 1977. Can. Plant Dis. Survey 57: 68-70.
207. CAIN, R.F. 1961. Can. J. Bot. 39: 1633-1666.
208. CAIN, R.F. 1961. Can. J. Bot. 39: 1667-1671.
209. CAIN, R.F. & L.K. WERESUB. 1957. Can. J. Bot. 35: 119-131.
210. CALLBECK, L.C. 1960. Can. Plant Dis. Survey 40: 56-58.
211. CALLBECK, L.C. 1960. Can. Plant Dis. Survey 40: 87-91.
212. CALLBECK, L.C. 1962. Can. Plant Dis. Survey 42: 185-188.
213. CALLBECK, L.C. 1963. Can. Plant Dis. Survey 43: 201-205.
214. CALLBECK, L.C. 1964. Can. Plant Dis. Survey 44: 244-247.
215. CALLBECK, L.C. 1967. Can. Plant Dis. Survey 47: 99-100.
216. CALLBECK, L.C. 1969. Can. Plant Dis. Survey 49: 14-15.
217. CALLBECK, L.C. 1969. Can. Plant Dis. Survey 49: 75-77.
218. CALLBECK, L.C. 1972. Can. Plant Dis. Survey 52: 30-31.
219. CALLBECK, L.C. 1972. Can. Plant Dis. Survey 52: 151-152.
220. CALLBECK, L.C. 1974. Can. Plant Dis. Survey 54: 21-23.
221. CAMP, R.R. 1981. Can. J. Bot. 59: 2466-2477.
222. CAMPBELL, W.P. 1962. Can. Plant Dis. Survey 42: 195-201.

223. CAMPBELL, W.P., L.J. PIENING & D.W. CREELMAN. 1961. Can. Plant Dis. Survey 41: 369-370.

224. CARLSON, L.W. 1969. Plant Disease Rep. 53: 100.

225. CARLSON, L.W. 1972. Can. Plant Dis. Survey 52: 99-100.

226. CARMICHAEL, J.W. 1962. Can. J. Bot. 40: 1137-1173.

227. DELETED.

228. CARPENTER, S.E. & K.P. DUMONT. 1978. Mycologia 70: 1223-1238.

229. CASAGRANDE, F. & G.B. OUELLETTE. 1971. Can. J. Bot. 49: 155-159.

230. CAUCHON, R. & G.B. OUELLETTE. 1964. Mycologia 56: 453-455.

231. CHAMBERLAIN, G.C., R.S. WILLISON, J.L. TOWNSHEND & J.H. de RONDE. 1964. Can. J. Bot. 42: 351-355.

232. CHAREST, P.M., G.B. OUELLETTE & F.J. PAUZE. 1979. Phytoprotection 60: 164.

233. CHAREST, P.M., G.B. OUELLETTE & F.J. PAUZE. 1980. Phytoprotection 61: 119.

234. CHESTERS, C.G.C. & A. BELL. 1970. Commonw. Mycol. Inst., England, Mycol. Paper 120.

235. CHEW, P.S. & R. HALL. 1978. Can. Phytopath. Soc. Proc. 45: 34.

236. CHEZ, D. 1974. Phytoprotection 55: 38-42.

237. CHEZ, D. & M. HUDON. 1975. Phytoprotection 56: 90-95.

238. CHEZ, D., M. HUDON & M.S. CHIANG. 1977. Phytoprotection 58: 5-17.

239. CHEZ, D., M. HUDON, R. MARTIN & G. PELLETIER. 1979. Phytoprotection 60: 162.

240. CHI, C.C. 1966. Plant Disease Rep. 50: 451-453.

241. CHI, C.C. 1967. Can. Phytopath. Soc. Proc. 34: 18.

242. CHI, C.C. 1970. Can. Plant Dis. Survey 50: 109-110.

243. CHI, C.C. & W.R. CHILDERS. 1965. Plant Disease Rep. 49: 512-515.

244. CHI, C.C. & W.R. CHILDERS. 1966. Plant Disease Rep. 50: 695-698.

245. CHIANG, M.S. & R. CRETE. 1972. Can. Plant Dis. Survey 52: 45-50.

246. CHINN, D.A. & R.H. ESTEY. 1966. Phytoprotection 47: 66-72.

247. CHINN, S.H.F. 1976. Can. J. Plant Sci. 56: 199-201.

248. CHINN, S.H.F., B.J. SALLONS & R.J. LEDINGHAM. 1962. Can. J. Plant Sci. 42: 720-727.

249. CHURCHLAND, L.M. & M. McCLAREN. 1972. Can. J. Bot. 50: 1269-1273.

250. CLARK, G.H. 1962. Can. Plant Dis. Survey 42: 260.

251. CLARK, G.H. & R.N. WENSLEY. 1961. Can. Plant Dis. Survey 42: 363.

252. CLARK, R.V. 1962. Can. Phytopath. Soc. Proc. 29: 12.

253. CLARK, R.V. 1963. Can. Plant Dis. Survey 43: 27-32.

254. CLARK, R.V. 1964. Can. J. Plant Sci. 44: 488-490.

255. CLARK, R.V. 1966. Can. Plant Dis. Survey 46: 105-109.

256. CLARK, R.V. 1966. Can. J. Plant Sci. 46: 603-609.

257. CLARK, R.V. 1968. Can. Plant Dis. Survey 48: 134-135.

258. CLARK, R.V. 1971. Can. Plant Dis. Survey 51: 71-75.

259. CLARK, R.V. 1971. Can. Plant Dis. Survey 51: 131-133.

260. CLARK, R.V. 1977. Can. Plant Dis. Survey 57: 45-48.

261. CLARK, R.V. 1978. Can. Plant Dis. Survey 58: 33-38.

262. CLARK, R.V. 1979. Can. J. Plant Path. 1: 113-117.

263. CLARK, R.V. 1979. Can. J. Plant Path. 2: 37-38.

264. CLARK, R.V. 1980. Can. J. Plant Path. 2: 213-216.

265. CLARK, R.V. & F.L. DRAYTON. 1960. Can. J. Bot. 38: 103-110.

266. CLARK, R.V. & H.W. JOHNSTON. 1973. Can. J. Plant Sci. 53: 471-475.

267. CLARK, R.V. & V.R. WALLEN. 1969. Can. Plant Dis. Survey 49: 60-64.

268. CLARK, R.V. & F.J. ZILLINSKY. 1960. Can. J. Bot. 38: 93-102.

269. CLARK, R.V. & F.J. ZILLINSKY. 1960. Can. Plant Dis. Survey 40: 1-9.

270. CLARK, R.V. & F.J. ZILLINSKY. 1962. Can. J. Plant Sci. 42: 620-627.

271. CLARK, R.V., C.O. GOURLEY, H.W. JOHNSTON, L.J. PIENING, G. PELLETIER, J. SANTERRE & H. GENEREUX. 1975. Can. Plant Dis. Survey 55: 36-43.

272. CLOUGH, K.S. & H.W. JOHNSON. 1978. Can. Plant Dis. Survey 58: 95-96.

273. CLOUGH, K.S. & H.W. JOHNSTON. 1978. Can. Plant Dis. Survey 58: 97-98.

274. CLOUGH, K.S. & Z.A. PATRICK. 1972. Can. J. Bot. 50: 2251-2253.

275. CLOUGH, K.S. & K.R. SANDERSON. 1979. Can. Plant Dis. Survey 59: 19-21.

276. CLOUTIER, A. 1971. Phytoprotection 52: 91.

277. COHEN, Y. & W.E. SACKSTON. 1972. Phytoprotection 53: 50.

278. COHEN, Y. & W.E. SACKSTON. 1973. Can. J. Bot. 51: 15-22.

279. COLE, G.T. & B. KENDRICK. 1973. Mycologia 65: 661-688.

280. COLOTELO, N. & H. NETOLITZKY. 1964. Can. J. Bot. 42: 1467-1469.

281. COMEAU, A. & G.J. PELLETIER. 1976. Can. J. Plant Sci. 56: 13-19.

282. COOKE, W.B. & R. POMERLEAU. 1964. Mycologia 56: 607-618.

283. CORLETT, M. 1966. Can. J. Bot. 44: 1141-1149.

284. CORLETT, M. 1967. Can. J. Bot. 45: 221-227.

285. CORLETT, M. 1968. Can. J. Bot. 46: 1303-1307.

286. CORLETT, M. 1970. Canada Agric., Ottawa 15(2): 24-25.

287. CORLETT, M. 1971. Can. J. Bot. 49: 39-40.

288. CORLETT, M. 1974. Fungi Canadenses No. 20, National Mycological Herbarium, Agriculture Canada, Ottawa.

289. CORLETT, M. 1974. Fungi Canadenses No. 35, National Mycological Herbarium, Agriculture Canada, Ottawa.

290. CORLETT, M. 1974. Fungi Canadenses No. 36, National Mycological Herbarium, Agriculture Canada, Ottawa.

291. CORLETT, M. 1974. Fungi Canadenses No. 49, National Mycological Herbarium, Agriculture Canada, Ottawa.

292. CORLETT, M. 1975. Fungi Canadenses No. 76, National Mycological Herbarium, Agriculture Canada, Ottawa.

293. CORLETT, M. 1976. Fungi Canadenses No. 84, National Mycological Herbarium, Agriculture Canada, Ottawa.

294. CORLETT, M. 1977. Fungi Canadenses No. 92, National Mycological Herbarium, Agriculture Canada, Ottawa.

295. CORLETT, M. 1978. Fungi Canadenses No. 121, National Mycological Herbarium, Agriculture Canada, Ottawa.

296. CORLETT, M. 1979. Fungi Canadenses No. 131, National Mycological Herbarium, Agriculture Canada, Ottawa.

297. CORLETT, M. 1979. Fungi Canadenses No. 149, National Mycological Herbarium, Agriculture Canada, Ottawa.

298. CORLETT, M. & A. CARTER. 1976. Fungi Canadenses No. 88, National Mycological Herbarium, Agriculture Canada, Ottawa.

299. CORLETT, M. & J. CHONG. 1977. Can. J. Bot. 55: 5-7.

300. CORLETT, M. & K.N. EGGER. 1980. Fungi Canadenses No. 181, National Mycological Herbarium, Agriculture Canada, Ottawa.

301. CORLETT, M. & K.N. EGGER. 1980. Fungi Canadenses No. 182, National Mycological Herbarium, Agriculture Canada, Ottawa.

302. CORLETT, M. & M.E. ELLIOTT. 1974. Can. J. Bot. 52: 1459-1463.

303. CORLETT, M. & E.G. KOKKO. 1975. Can. J. Bot. 53: 1338-1341.

304. CORLETT, M. & E.G. KOKKO. 1977. Fungi Canadenses No. 93, National Mycological Herbarium, Agriculture Canada, Ottawa.

305. CORLETT, M. & E.G. KOKKO. 1977. Microscopica Acta 79: 39-42.

306. CORLETT, M. & E.G. KOKKO. 1978. Fungi Canadenses No. 114, National Mycological Herbarium, Agriculture Canada, Ottawa.

307. CORLETT, M. & E.G. KOKKO. 1978. Fungi Canadenses No. 120, National Mycological Herbarium, Agriculture Canada, Ottawa.

308. CORLETT, M. & G.A. NEISH. 1980. Fungi Canadenses No. 180, National Mycological Herbarium, Agriculture Canada, Ottawa.

309. CORLETT, M. & R.G. ROSS. 1979. Can. J. Plant Path. 1: 79-84.

310. CORLETT, M., J. CHONG & E.G. KOKKO. 1976. Can. J. Microbiol. 22: 1144-1152.

311. COULOMBE, L.J. 1961. Can. Plant Dis. Survey 41: 191-193.

312. COULOMBE, L.J. 1966. Phytoprotection 47: 146.

313. COULOMBE, L.J. 1968. Phytoprotection 49: 135.

314. COULOMBE, L.J. 1969. Phytoprotection 50: 7-15.

315. COULOMBE, L.J. 1969. Phytoprotection 50: 23-31.

316. COULOMBE, L.J. 1971. Phytoprotection 52: 90.

317. COULOMBE, L.J. 1975. Phytoprotection 56: 55-66.

318. COULOMBE, L.J. 1976. Phytoprotection 57: 23-32.

319. COULOMBE, L.J. 1976. Phytoprotection 57: 33-35.

320. COULOMBE, L.J. 1976. Phytoprotection 57: 41-46.

321. COULOMBE, L.J. 1977. Phytoprotection 58: 39-45.

322. COULOMBE, L.J. 1977. Phytoprotection 58: 127.

323. COULOMBE, L.J. 1978. Phytoprotection 59: 55-64.

324. COULOMBE, L.J. 1979. Phytoprotection 60: 79-92.

325. COULOMBE, L.J. & A. JACOB. 1980. Phytoprotection 61: 48-54.

326. COUTURE, L. 1980. Can. Plant Dis. Survey 60: 8-10.

327. COUTURE, L. & G.J. PELLETIER. 1975. Phytoprotection 56: 31-41.

328. COUTURE, L. & J.C. SUTTON. 1978. Can. J. Bot. 56: 2162-2170.

329. COUTURE, L. & J.C. SUTTON. 1978. Phytoprotection 59: 65-75.

330. COUTURE, L. & J.C. SUTTON. 1978. Phytoprotection 59: 189.

331. COUTURE, L. & J.C. SUTTON. 1980. Can. Plant Dis. Survey 60: 59-61.

332. CRANE, J.L. & J.D. SCHOKNECHT. 1977. Can. J. Bot. 55: 3013-3019.

333. CREELMAN, D.W. 1961. Can. Plant Dis. Survey 41: 31-121.

334. CREELMAN, D.W. 1962. Can. Plant Dis. Survey 42: 23-102.

335. CREELMAN, D.W. 1963. Can. Plant Dis. Survey 43: 61-130.

336. CREELMAN, D.W. 1964. Can. Plant Dis. Survey 44: 1-82.

337. CREELMAN, D.W. 1965. Can. Plant Dis. Survey 45: 42-78.

338. CREELMAN, D.W. 1966. Can. Plant Dis. Survey 46: 37-76.

339. CREELMAN, D.W. 1967. Can. Plant Dis. Survey 47: 31-71.
340. CRETE, R. & E.G. BEAUCHAMP. 1968. Phytoprotection 49: 41-48.
341. CRETE, R. & M.S. CHIANG. 1967. Plant Disease Rep. 51: 991-992.
342. CRETE, R. & E.J. HOGUE. 1974. Phytoprotection 55: 96.
343. CRETE, R. & L. TARTIER. 1971. Can. Plant Dis. Survey 51: 88-90.
344. CRETE, R. & L. TARTIER. 1973. Phytoprotection 54: 32-42.
345. CRETE, R. & L. TARTIER. 1971. Phytoprotection 52: 91.
346. CRETE, R. & L. TARTIER. 1971. Phytoprotection 52: 92.
347. CRETE, R., J. LALIBERTE & J.J. JASMIN. 1963. Can. J. Plant Sci. 43: 349-354.
348. CRETE, R., L. TARTIER & T. SIMARD. 1971. Can. Plant Dis. Survey 51: 66-70.
349. CUDDY, T.F. & V.R. WALLEN. 1965. Can. Plant Dis. Survey 45: 33-34.
350. CUMMINS, G.B. & H.C. GREENE. 1966. Mycologia 58: 702-721.
351. CUMMINS, G.B., M.P. BRITTON & J.W. BAXTER. 1969. Mycologia 61: 924-944.
352. CURREN, T. 1969. Can. J. Bot. 47: 2106-2109.
353. CUSSON, Y. & D. LACHANCE. 1974. Phytoprotection 55: 17-28.
354. CUSSON, Y. & D. LACHANCE. 1974. Phytoprotection 55: 96.
355. DANCE, B.W. 1961. Can. J. Bot. 39: 875-890.
356. DANCE, B.W. 1961. Can. J. Bot. 39: 1429-1435.
357. DANCE, B.W. 1968. Plant Disease Rep. 52: 659-661.
358. DANCE, B.W. & J.D. CAFLEY. 1974. Plant Disease Rep. 58: 677-679.
359. DARKER, G.D. 1963. Can. J. Bot. 41: 1383-1388.
360. DARKER, G.D. 1963. Can. J. Bot. 41: 1389-1394.
361. DARKER, G.D. 1963. Mycologia 55: 812-818.
362. DARKER, G.D. 1964. Can. J. Bot. 42: 1005-1009.
363. DARKER, G.D. 1965. Can. J. Bot. 43: 11-14.
364. DARKER, G.D. 1967. Can. J. Bot. 45: 1445-1449.
365. DAUBENY, H.A. 1961. Can. J. Plant Sci. 41: 239-243.
366. DAUBENY, H.A. 1978. Can. J. Plant Sci. 58: 283-285.
367. DAUBENY, H.A. & H.S. PEPIN. 1962. Can. Plant Dis. Survey 42: 212-213.
368. DAUBNEY, H.A. & H.S. PEPIN. 1964. Can. Plant Dis. Survey 44: 257-258.
369. DAUBENY, H.A. & H.S. PEPIN. 1965. Can. J. Plant Sci. 45: 365-368.
370. DAUBENY, H.A. & H.S. PEPIN. 1974. Can. J. Plant Sci. 54: 511-516.
371. DAUBENY, H.A. & H.S. PEPIN. 1974. Plant Disease Rep. 58: 1024-1027.
372. DAUBENY, H.A., J.A. FREEMAN & H.S. PEPIN. 1974. Plant Disease Rep. 58: 391-395.
373. DAVID, A. 1980. Bull. Soc. Linnéenne Lyon 49: 1-56.
374. DAVIDSON, A.G. & D.E. ETHERIDGE. 1963. Can. J. Bot. 41: 759-765.
375. DAYAL, R. & G.L. BARRON. 1969. Can. Phytopath. Soc. Proc. 35: 20.
376. DE HOOG, G.S. & E.J. HERMANDIES-NIJHOF. 1977. Centraalbureau voor Schimmelcultures, Baarn, Netherlands, Studies in Mycol. 15.
377. DEGENHARDT, K.J., F.R. HARPER & T.G. ATKINSON. 1982. Can. J. Plant Path. 4: 375-380.
378. DEGENHARDT, K.J., W.P. SKOROPAD & Z.P. KONDRA. 1974. Can. J. Plant Sci. 54: 795-799.
379. DEIGHTON, F.C. 1967. Commonw. Mycol. Inst., England, Mycol. Paper 112.
380. DEIGHTON, F.C. 1973. Commonw. Mycol. Inst., England, Mycol. Paper 133.
381. DEIGHTON, F.C. 1974. Commonw. Mycol. Inst., England, Mycol. Paper 137.
382. DEIGHTON, F.C. 1979. Commonw. Mycol. Inst., England, Mycol. Paper 144.
383. DEJARDIN, R.A. & E.W.B. WARD. 1971. Can. J. Bot. 49: 339-347.
384. DENBY, L.G. & G.E. WOOLLIAMS. 1962. Can. J. Plant Sci. 42: 681-685.
385. DENISON, W.C. 1972. Mycologia 64: 609-623.
386. DENNIS, R.W.G. 1978. British Ascomycetes. Cramer, Vaduz.
387. DENYER, W.B.G. 1960. Can. J. Bot. 38: 909-920.
388. DESMARTEAU, R., L. TARTIER & A.L. DEVAUX. 1972. Phytoprotection 53: 117-119.
389. DEVAUX, A.L. 1970. Phytoprotection 51: 150.
390. DEVAUX, A.L. 1978. Phytoprotection 59: 19-27.
391. DEVAUX, A.L. & R.H. ESTEY. 1963. Phytoprotection 44: 50-51.
392. DEVAUX, A.L. & W.E. SACKSTON. 1964. Phytoprotection 45: 132.
393. DEVAUX, A.L. & W.E. SACKSTON. 1966. Can. J. Bot. 44: 803-811.
394. DEVAUX, A.L. & L.M. TARTIER. 1978. Phytoprotection 59: 185.
394a. DEVRIES, B. 1966. Can. J. Bot. 44: 1228-1230.
395. DHANVANTARI, B.N. 1967. Can. J. Bot. 45: 1525-1543.
396. DHANVANTARI, B.N. 1967. Can. Plant Dis. Survey 47: 21.
397. DHANVANTARI, B.N. 1968. Can. J. Plant Sci. 48: 401-404.
398. DHARNE, C.G. 1965. Phytopath. Zeitschr. 53: 101-144.
399. DICKINSON, C.H. 1968. Commonw. Mycol. Inst., England, Mycol. Paper 115.

400. DICKOUT, R.S. & D.J. ORMROD. 1972. Can. Plant Dis. Survey 52: 109.

401. DICOSMO, F. 1978. Can. J. Bot. 56: 1665-1690.

402. DICOSMO, F. & G.T. COLE. 1980. Can. J. Bot. 58: 1129-1137.

403. DIEHL, W.W. 1950. *Balansia* and the Balansiae in America. USDA Monogr. 4.

404. DIRKS, V.A., T.R. ANDERSON & E.F. BOLTON. 1980. Can. J. Plant Path. 2: 179-183.

405. DIXON, J.R. 1974. Mycotaxon 1: 65-104.

406. DOBBELER, P. 1978. Mitteilungen Bot. Staatssammlung Munchen 14: 1-360.

407. DOBBELER, P. 1979. Mitteilungen Bot. Staatssammlung Munchen 15: 193-221.

408. DODD, J.L. 1972. Mycologia 64: 737-773.

409. DORWORTH, C.E. 1972. Can. J. Bot. 50: 751-765.

410. DORWORTH, C.E. 1973. Can. J. Forest Res. 3: 161-164.

411. DORWORTH, C.E. 1974. Can. J. Bot. 52: 919-922.

412. DORWORTH, C.E. 1975. Plant Disease Rep. 59: 272-273.

413. DORWORTH, C.E. 1979. Can. J. Forest Res. 9: 316-322.

414. DORWORTH, C.E. & J. KRYWIENCZYK. 1975. Can. J. Bot. 53: 2506-2525.

415. DORWORTH, C.E., J. KRYWIENCZYK & D.D. SKILLING. 1977. Plant Disease Rep. 61: 887-890.

416. DOSTALER, D. & G.J. PELLETIER. 1978. Phytoprotection 59: 189.

417. DOSTALER, D., G.J. PELLETIER & L. COUTURE. 1980. Phytoprotection 61: 19-25.

418. DUCZEK, L.J. & J.A. BUCHAN. 1979. Can. Phytopath. Soc. Proc. 46: 56.

419. DUCZEK, L.J. & V.J. HIGGINS. 1976. Can. J. Bot. 54: 2609-2619.

420. DUCZEK, L.J. & R.A.A. MORRALL. 1971. Can. Plant Dis. Survey 51: 116-121.

421. DUMONT, K.P. 1973. Mycologia 65: 175-191.

422. DUMONT, K.P. 1976. Mycologia 68: 233-267.

423. DUNCAN, E.G. & J.A. MACDONALD. 1967. Mycologia 59: 803-818.

424. DURAN, R. & G.W. FISCHER. 1961. The genus *Tilletia*. Wash. State Univ., Pullman, Wash.

425. DURAVETZ, J.S. & J.F. MORGAN-JONES. 1971. Can. J. Bot. 49: 1267-1272.

426. EDWARDS, R. & L.L. KENNEDY. 1973. Can. J. Bot. 51: 2385-2393.

427. ELLIOTT, M.E. 1962. Can. J. Bot. 40: 1197-1201.

428. ELLIOTT, M.E. 1964. Can. J. Bot. 42: 1065-1070.

429. ELLIOTT, M.E. 1965. Greenhouse-Garden-Grass (Can. Agr., Ottawa) 5(2): 7-10.

430. ELLIOTT, M.E. 1969. Can. J. Bot. 47: 1895-1898.

431. ELLIOTT, M.E. 1973. Fungi Canadenses No. 1, National Mycological Herbarium, Agriculture Canada, Ottawa.

432. ELLIOTT, M.E. 1974. Fungi Canadenses No. 38, National Mycological Herbarium, Agriculture Canada, Ottawa.

433. ELLIOTT, M.E. & R. CAUCHON. 1976. Fungi Canadenses No. 90, National Mycological Herbarium, Agriculture Canada, Ottawa.

434. ELLIOTT, M.E. & M. CORLETT. 1972. Can. J. Bot. 50: 2153-2156.

435. ELLIOTT, M.E. & M. KAUFERT. 1974. Can. J. Bot. 52: 467-472.

436. ELLIOTT, M.E. & C. RICHARD. 1971. Mycologia 63: 648-652.

437. ELLIS, J.B. & B. EVERHART. 1885. J. Mycol. 1: 85-87.

438. ELLIS, J.B. & B. EVERHART. 1892. The North American Pyrenomycetes. Publ. by the authors, Newfield, New Jersey.

439. ELLIS, J.B. & J. DEARNESS. 1893. Can. Record of Sci. 5: 266-272.

440. ELLIS, J.B. & J. DEARNESS. 1897. Proc. Can. Inst. NS 1: 89-93.

441. ELLIS, J.B. & J. DEARNESS. 1899. Trans. Can. Inst. 6: 637-639.

442. ELLIS, M.B. 1960. Commonw. Mycol. Inst., England, Mycol. Paper 76.

443. ELLIS, M.B. 1963. Commonw. Mycol. Inst., England, Mycol. Paper 93.

444. ELLIS, M.B. 1965. Commonw. Mycol. Inst., England, Mycol. Paper 103.

445. ELLIS, M.B. 1966. Commonw. Mycol. Inst., England, Mycol. Paper 106.

446. EMMOND, G.S. & R.J. LEDINGHAM. 1972. Can. J. Plant Sci. 52: 605-611.

447. ENERSON, P.M. & R.B. HUNTER. 1980. Can. J. Plant Sci. 60: 1123-1128.

448. ENERSON, P.M. & R.B. HUNTER. 1980. Can. J. Plant Sci. 60: 1459-1465.

449. ERIKSSON, J. & L. RYVARDEN. 1975. The Corticiaceae of North Europe, Vol. 3. Fungiflora, Oslo.

450. ESTEY, R.H. 1959. Soc. Qué. Protection Plantes 41: 83-86.

451. ESTEY, R.H. & V. PHOKTHAVI. 1977. Phytoprotection 58: 129.

452. ETHERIDGE, D.E. 1961. Can. J. Bot. 39: 799-816.

453. ETHERIDGE, D.E. 1965. Can. Phytopath. Soc. Proc. 32: 12.

454. ETHERIDGE, D.E. 1969. Can. J. Bot. 47: 457-479.

455. ETHERIDGE, D.E. & H.M. CRAIG. 1976. Can. J. Forest Res. 6: 299-318.

456. ETHERIDGE, D.E. & L.A. MORIN. 1963. Can. J. Bot. 41: 1532-1534.

457. ETHERIDGE, D.E. & L.A. MORIN. 1967. Can. J. Bot. 45: 1003-1010.

459. ETHERIDGE, D.E., H.M. CRAIG & S.H. FARRIS. 1979. Can. Phytopath. Soc. Proc. 38: 14.

459. ETHERIDGE, D.E., H.M. CRAIG & L.D. TAYLOR. 1969. Can. Phytopath. Soc. Proc. 36: 15.
460. EVANS, D., D.P. LOWE & R.S. HUNT. 1978. Can. Forestry Service, Victoria. Report BC-X-169.
461. EVANS, G. & C.D. MCKEEN. 1975. Can. J. Plant Sci. 55: 857-859.
462. FARNWORTH, E.R. & G.A. NEISH. 1980. Can. J. Plant Sci. 60: 727-731.
463. FARR, E.R., O.K. MILLER & D.F. FARR. 1977. Can. J. Bot. 55: 1167-1180.
464. FARR, M.L. 1963. Mycologia 55: 226-246.
465. FINLAYSON, D.G. & C.J. CAMPBELL. 1971. Can. Plant Dis. Survey 51: 122-126.
466. FISCHER, G.W. 1953. Manual of the North American smut fungi. Ronald Press, New York.
467. FISCHER, L.A. 1967. Phytoprotection 48: 23-43.
468. FISHER, R.W. & E.A. KERR. 1964. Can. J. Plant Sci. 44: 133-138.
469. FISHER, R.W., G.C. CHAMBERLAIN & W.G. KEMP. 1960. Plant Disease Rep. 44: 273-275.
470. FLEISCHMANN, G. 1963. Can. J. Bot. 41: 1569-1584.
471. FLEISCHMANN, G. 1963. Can. J. Bot. 41: 1613-1615.
472. FLEISCHMANN, G. 1963. Can. Plant Dis. Survey 43: 168-172.
473. FLEISCHMANN, G. 1964. Can. J. Bot. 42: 1151-1157.
474. FLEISCHMANN, G. 1965. Can. Plant Dis. Survey 45: 15-18.
475. FLEISCHMANN, G. 1965. Plant Disease Rep. 49: 132-133.
476. FLEISCHMANN, G. 1966. Can. Plant Dis. Survey 46: 22-23.
477. FLEISCHMANN, G. 1967. Can. Plant Dis. Survey 47: 11-13.
478. FLEISCHMANN, G. 1968. Can. Plant Dis. Survey 48: 14-16.
479. FLEISCHMANN, G. 1968. Can. Plant Dis. Survey 48: 99-101.
480. FLEISCHMANN, G. 1969. Can. Plant Dis. Survey 49: 91-94.
481. FLEISCHMANN, G. 1971. Can. Plant Dis. Survey 51: 14-16.
482. FLEISCHMANN, G. 1972. Can. Plant Dis. Survey 52: 15-16.
483. FLEISCHMANN, G., D.J. SAMBORSKI & B. PETURSON. 1963. Can. J. Bot. 41: 481-487.
484. FORSYTH, F.R. & B. PETURSON. 1960. Plant Disease Rep. 44: 208-211.
485. FORTIN, J.A., Y. PICHE & M. LALONDE. 1980. Can. J. Bot. 58: 361-365.
486. FREEMAN, J.A. 1964. Can. Plant Dis. Survey 44: 96-104.
487. FREEMAN, J.A. 1965. Can. Plant Dis. Survey 45: 107-110.
488. FREEMAN, J.A. & H.S. PEPIN. 1967. Can. Plant Dis. Survey 47: 104-107.
489. FREEMAN, J.A. & H.S. PEPIN. 1969. Can. Plant Dis. Survey 49: 139.
490. FREVE, A. & C. RICHARD. 1978. Phytoprotection 59: 188.
491. FULLERTON, R.A. & J. NIELSEN. 1974. Can. J. Plant Sci. 54: 253-257.
492. FUNK, A. 1962. Can. J. Bot. 40: 331-335.
493. FUNK, A. 1963. Can. J. Bot. 41: 503-543.
494. FUNK, A. 1964. Can. J. Bot. 42: 769-775.
495. FUNK, A. 1964. Plant Disease Rep. 48: 677.
496. FUNK, A. 1965. Can. J. Bot. 43: 45-48.
497. FUNK, A. 1965. Can. J. Bot. 43: 929-932.
498. FUNK, A. 1966. Can. J. Bot. 44: 219-222.
499. FUNK, A. 1967. Can. J. Bot. 45: 1803-1809.
500. FUNK, A. 1967. Can. J. Bot. 45: 2263-2266.
501. FUNK, A. 1968. Can. J. Bot. 46: 601-603.
502. FUNK, A. 1969. Can. J. Bot. 47: 751-753.
503. FUNK, A. 1969. Can. J. Bot. 47: 1509-1511.
504. FUNK, A. 1970. Can. J. Bot. 48: 1023-1025.
505. FUNK, A. 1972. Plant Disease Rep. 56: 645-647.
506. FUNK, A. 1973. Can. J. Bot. 51: 1249-1250.
507. FUNK, A. 1973. Can. J. Bot. 51: 1643-1645.
508. FUNK, A. 1974. Can. Plant Dis. Survey 54: 166-168.
509. FUNK, A. 1975. Can. J. Bot. 53: 1196-1199.
510. FUNK, A. 1975. Can. J. Bot. 53: 2297-2302.
511. FUNK, A. 1976. Can. J. Bot. 54: 868-871.
512. FUNK, A. 1976. Can. J. Bot. 54: 2852-2856.
513. FUNK, A. 1978. Can. J. Bot. 56: 245-247.
514. FUNK, A. 1978. Can. J. Bot. 56: 1575-1578.
515. FUNK, A. 1979. Can. J. Bot. 57: 4-6.
516. FUNK, A. 1979. Can. J. Bot. 57: 7-10.
517. FUNK, A. 1979. Can. J. Bot. 57: 765-767.
518. FUNK, A. 1979. Can. J. Bot. 57: 2113-2115.
519. FUNK, A. 1980. Can. J. Bot. 58: 1291-1294.
520. FUNK, A. 1980. Can. J. Bot. 58: 2447-2449.
521. FUNK, A. & J.A. BARANYAY. 1973. Can. Plant Dis. Survey 53: 182.
522. FUNK, A. & J. KUIJT. 1970. Can. J. Bot. 48: 1481-1483.
523. FUNK, A. & A.K. PARKER. 1966. Can. J. Bot. 44: 1171-1176.
524. FUNK, A. & A.K. PARKER. 1972. Can. J. Bot. 50: 1623-1625.

525. FUNK, A. & R.A. SHOEMAKER. 1971. Mycologia 63: 567-574.
526. FUNK, A. & B.C. SUTTON. 1972. Can. J. Bot. 50: 1513-1518.
527. FUNK, A. & H. ZALASKY. 1975. Can. J. Bot. 53: 752-755.
528. FUNK, A., R.B. SMITH & J.A. BARANYAY. 1973. Can. J. Forest Res. 3: 71-74.
529. FURLAN, V. & J.A. FORTIN. 1973. Naturaliste Can. 100: 467-477.
530. FUSHTEY, S.G. 1960. Can. Plant Dis. Survey 40: 65.
531. FUSHTEY, S.G. 1961. Can. J. Plant Sci. 41: 568-577.
532. FUSHTEY, S.G. 1975. Can. Plant Dis. Survey 55: 87-90.
533. FUSHTEY, S.G. 1980. Can. Plant Dis. Survey 60: 25-31.
534. FUSHTEY, S.G. & D.K. TAYLOR. 1977. Can. Plant Dis. Survey 57: 29-30.
535. GAGNON, C. 1961. Can. J. Bot. 39: 1087-1093.
536. GALES, L.F. & C.G. MORTIMORE. 1969. Can. Plant Dis. Survey 49: 128-131.
537. GAMS, W. 1971. Cephalosporium-artige Schimmelpilze. G. Fischer, Stuttgart.
538. GATES, L.F. 1970. Can. J. Plant Sci. 50: 679-684.
539. GATES, L.F. 1970. Can. Phytopath. Soc. Proc. 37: 22.
540. GATES, L.F. & B. BOLWYN. 1972. Can. Plant Dis. Survey 52: 64-69.
541. GATES, L.F. & C.G. MORTIMORE. 1972. Can. J. Plant Sci. 52: 929-935.
542. GATES, L.F., C.D. MACKEEN, C.G. MORTIMORE, J.C. SUTTON & A.T. BOLTON. 1971. Can. Plant Dis. Survey 51: 32-37.
543. GAYED, S.K. 1969. Can. Plant Dis. Survey 49: 70-74.
544. GAYED, S.K. 1971. Can. Plant Dis. Survey 51: 142-144.
545. GAYED, S.K. 1972. Can. J. Plant Sci. 52: 103-106.
546. GAYED, S.K. 1972. Can. J. Plant Sci. 52: 869-873.
547. GAYED, S.K. 1976. Phytoprotection 57: 109-115.
548. GAYED, S.K. 1978. Can. Plant Dis. Survey 58: 104-106.
549. GAYED, S.K. & M.C. WATSON. 1975. Can. Plant Dis. Survey 55: 31-35.
550. GAYED, S.K., D.J.S. BARR & L.K. WERESUB. 1978. Can. Plant Dis. Survey 58: 15-19.
551. GENEREUX, H. 1961. Can. Plant Dis. Survey 41: 361-362.
552. GENEREUX, H. & C. AUBE. 1966. Can. Plant Dis. Survey 46: 9-10.
553. GESSNER, R.V. & J. KOHLMEYER. 1976. Can. J. Bot. 54: 2023-2037.
554. GILBERTSON, R.L. 1960. Can. J. Bot. 38: 87-91.
555. GILBERTSON, R.L. 1962. Mycologia 54: 658-677.
556. GILBERTSON, R.L. 1965. Mycologia 57: 845-871.
557. GILBERTSON, R.L. 1965. Papers Michigan Acad. Sci., Arts, Letters 50: 161-184.
558. GILBERTSON, R.L. 1979. Mycotaxon 9: 51-89.
559. GILBERTSON, R.L. & A.B. BUDINGTON. 1970. Mycologia 62: 673-678.
560. GILBERTSON, R.L., G.B. CUMMINS & E.D. DARNELL. 1979. Mycotaxon 10: 49-92.
561. GILLESPIE, T.J. & J.C. SUTTON. 1979. Can. J. Plant Path. 1: 95-99.
562. GINNS, J. 1968. Plant Disease Rep. 52: 579-580.
563. GINNS, J. 1970. Can. J. Bot. 48: 1039-1043.
564. GINNS, J. 1974. Can. J. Forest Res. 4: 143-146.
565. GINNS, J. 1974. Fungi Canadenses No. 42, National Mycological Herbarium, Agriculture Canada, Ottawa.
566. GINNS, J. 1974. Fungi Canadenses No. 52, National Mycological Herbarium, Agriculture Canada, Ottawa.
567. GINNS, J. 1975. Fungi Canadenses No. 68, National Mycological Herbarium, Agriculture Canada, Ottawa.
568. GINNS, J. 1976. Can. J. Bot. 54: 100-167.
569. GINNS, J. 1976. Fungi Canadenses No. 85, National Mycological Herbarium, Agriculture Canada, Ottawa.
570. GINNS, J. 1976. Fungi Canadenses No. 86, National Mycological Herbarium, Agriculture Canada, Ottawa.
571. GINNS, J. 1978. Can. J. Bot. 56: 1953-1973.
572. GINNS, J. 1979. Bot. Notiser 132: 93-102.
573. GINNS, J. 1980. Fungi Canadenses No. 168, National Mycological Herbarium, Agriculture Canada, Ottawa.
574. GINNS, J. 1980. Fungi Canadenses No. 169, National Mycological Herbarium, Agriculture Canada, Ottawa.
575. GINNS, J. 1980. Fungi Canadenses No. 174, National Mycological Herbarium, Agriculture Canada, Ottawa.
576. GINNS, J. 1982. Can. Field-Nat. 96: 131-138.
577. GINNS, J. 1982. Opera Bot. 61: 1-61.
578. GINNS, J. 1983. Mycotaxon 18: 439-442.
579. GINNS, J. & R. MACRAE. 1971. Can. J. Bot. 49: 899-902.
580. GINNS, J. & S. SUNHEDE. 1978. Bot. Notiser 131: 167-173.
581. GINNS, J. & L.K. WERESUB. 1976. Memoirs New York Bot. Garden 28: 86-97.

582. GOCHNAUER, T.A. & S.J. HUGHES. 1976. Can. Ent. 108: 985-988.
583. GOCHNAUER, T.A., S.J. HUGHES & J. CORNER. 1972. Can. Agric., Ottawa 17(2): 36-37.
584. GOOD, H.M. & J.I. NELSON. 1962. Can. J. Bot. 40: 615-627.
585. GOOD, H.M., J.T. BASHAM & S.D. KADZIELAWA. 1968. Can. J. Bot. 46: 27-36.
586. GOOS, R.D. 1969. Mycologia 61: 52-56.
587. GOOS, R.D. 1969. Mycologia 61: 1048-1053.
588. GOOSSEN, P. G. & W.E. SACKSTON. 1964. Phytoprotection 45: 133.
589. GOREE, H. 1974. Can. J. Bot. 52: 1265-1269.
590. GOURLEY, C.O. 1961. Can. Plant Dis. Survey 41: 174.
591. GOURLEY, C.O. 1962. Can. J. Plant Sci. 42: 122-129.
592. GOURLEY, C.O. 1963. Can. J. Plant Sci. 43: 462-468.
593. GOURLEY, C.O. 1966. Can. J. Plant Sci. 46: 531-536.
594. GOURLEY, C.O. 1968. Can. J. Plant Sci. 48: 267-272.
595. GOURLEY, C.O. 1968. Can. Plant Dis. Survey 48: 32-36.
596. GOURLEY, C.O. 1969. Can. J. Bot. 47: 945-950.
597. GOURLEY, C.O. 1971. Can. Plant Dis. Survey 51: 135-137.
598. GOURLEY, C.O. 1972. Can. J. Bot. 50: 49-51.
599. GOURLEY, C.O. 1972. Can. Plant Dis. Survey 52: 85-87.
600. GOURLEY, C.O. 1975. Can. J. Plant Sci. 55: 439-442.
601. GOURLEY, C.O. 1979. Can. Plant Dis. Survey 59: 15-17.
602. GOURLEY, C.O. 1979. Can. Plant Dis. Survey 59: 18.
603. GOURLEY, C.O. 1979. Can. Plant Dis. Survey 59: 80.
603a. GOURLEY, C.O. 1983. Proc. Nova Scotian Inst. Sci. 32: 75-295.
604. GOURLEY, C.O. & D.L. CRAIG. 1968. Can. Plant Dis. Survey 48: 93-94.
605. GOURLEY, C.O. & R.W. DELBRIDGE. 1972. Can. Plant Dis. Survey 52: 97-98.
606. GOURLEY, C.O. & R.W. DELBRIDGE. 1973. Can. Plant Dis. Survey 53: 79-82.
607. GOURLEY, C.O. & K.A. HARRISON. 1969. Can. Plant Dis. Survey 49: 22-26.
608. GOURLEY, C.O. & A.A. MACNAB. 1964. Can. J. Plant Sci. 44: 544-549.
609. GOURLEY, C.O. & N.L. NICKERSON. 1979. Can. J. Bot. 57: 1218-1219.
610. GRAHAM, J.H. & E.S. LUTTRELL. 1961. Phytopathology 51: 680-693.
611. GRAHAM, K.M., M.P. HARRISON & C.E. SMITH. 1962. Can. Plant Dis. Survey 42: 205-207.
612. GRAHAM, K.M., R.A. SHOEMAKER & S.R. COLPITTS. 1964. Can. Plant Dis. Survey 44: 113-117.
613. GRAY, B. & W.E. SACKSTON. 1979. Phytoprotection 60: 163.
614. GREEN, G.J. 1963. Can. Plant Dis. Survey 43: 173-176.
615. GREEN, G.J. 1963. Can. Plant Dis. Survey 43: 177-182.
616. GREEN, G.J. 1963. Can. Plant Dis. Survey 43: 196.
617. GREEN, G.J. 1964. Can. J. Bot. 42: 1653-1664.
618. GREEN, G.J. 1965. Can. Plant Dis. Survey 45: 19-22.
619. GREEN, G.J. 1965. Can. Plant Dis. Survey 45: 23-29.
620. GREEN, G.J. 1966. Can. Plant Dis. Survey 46: 27-32.
621. GREEN, G.J. 1967. Can. Plant Dis. Survey 47: 5-8.
622. GREEN, G.J. 1968. Can. Plant Dis. Survey 48: 9-13.
623. GREEN, G.J. 1968. Can. Plant Dis. Survey 48: 104-106.
624. GREEN, G.J. 1969. Can. Plant Dis. Survey 49: 78-79.
625. GREEN, G.J. 1969. Can. Plant Dis. Survey 49: 83-87.
626. GREEN, G.J. 1971. Can. Plant Dis. Survey 51: 20-23.
627. GREEN, G.J. 1972. Can. Plant Dis. Survey 52: 11-14.
628. GREEN, G.J. 1972. Can. Plant Dis. Survey 52: 162-167.
629. GREEN, G.J. 1974. Can. Plant Dis. Survey 54: 11-15.
630. GREEN, G.J. 1975. Can. Plant Dis. Survey 55: 51-57.
631. GREEN, G.J. 1976. Can. Plant Dis. Survey 56: 15-18.
632. GREEN, G.J. 1976. Can. Plant Dis. Survey 56: 119-122.
633. GREEN, G.J. 1978. Can. Plant Dis. Survey 58: 44-48.
634. GREEN, G.J. 1979. Can. Plant Dis. Survey 59: 43-47.
635. GREEN, G.J. 1980. Can. J. Plant Path. 2: 241-245.
636. GREEN, G.J. & V.M. BENDELOW. 1961. Can. J. Plant Sci. 41: 431-435.
637. GREEN, G.J. & A.B. CAMPBELL. 1979. Can. J. Plant Path. 1: 3-11.
638. GREEN, G.J. & R.I.H. MCKENZIE. 1964. Can. J. Plant Sci. 44: 418-426.
639. GREEN, G.J. & D.J. SAMBORSKI. 1961. Can. Plant Dis. Survey 41: 1-21.
640. GREEN, G.J. & D.J. SAMBORSKI. 1962. Can. Plant Dis. Survey 42: 1-18.
641. GREEN, G.J., F.J. ZILLINSKY, R.V. CLARK & D.J. SAMBORSKI. 1962. Can. Plant Dis. Survey 42: 129-134.
642. GREEN, G.T., T. JOHNSON & J.N. WELSH. 1961. Can. J. Plant Sci. 41: 153-165.
643. GREENE, H.C. & G.B. CUMMINS. 1967. Mycologia 59: 47-57.
644. GREMMEN, J. & J.A. PARMELEE. 1973. Can. Forestry Service, Edmonton. Report NOR-X-44.
645. GRIFFIN, H.D. 1964. Plant Disease Rep. 48: 615.

646. GRIFFIN, H.D. 1965. Forestry Chronicle 42: 295-300.
647. GRIFFIN, H.D. 1968. Can. J. Bot. 46: 689-718.
648. GRIFFIN, H.D. 1969. Can. J. Bot. 47: 761-771.
649. GROSS, H.L. 1969. Forestry Chronicle 45: 326.
650. GROSS, H.L. 1978. Can. J. Forest Res. 8: 47-53.
651. GROSS, H.L., A.R. EK & R.F. PATTON. 1980. Can. J. Forest Res. 10: 190-198.
652. GROSS, H.L., R.F. PATTON & A.R. EK. 1980. Can. J. Forest Res. 10: 199-208.
653. GROTH, J.V. 1975. Can. J. Bot. 53: 2233-2239.
654. GROVES, J.W. 1940. Mycologia 32: 736-751.
655. GROVES, J.W. 1954. Can. J. Bot. 32: 116-144.
656. GROVES, J.W. 1965. Can. J. Bot. 43: 1195-1276.
657. GROVES, J.W. 1967. Can. J. Bot. 45: 169-181.
658. GROVES, J.W. 1968. Can. J. Bot. 46: 1273-1278.
659. GROVES, J.W. 1968. Mycologia 60: 718-719.
660. GROVES, J.W. 1969. Can. J. Bot. 47: 1319-1331.
661. GROVES, J.W. & M.E. ELLIOTT. 1961. Bull. Res. Council Israel 10D: 150-156.
662. GROVES, J.W. & M.E. ELLIOTT. 1961. Can. J. Bot. 39: 215-230.
663. GROVES, J.W. & M.E. ELLIOTT. 1969. Friesia 9: 29-36.
664. GROVES, J.W. & M.E. ELLIOTT. 1971. Rep. Kevo Subarctic Res. Sta. 8: 22-30.
665. GROVES, J.W. & S.C. HOARE. 1953. Can. Field-Nat. 67: 95-102.
666. GROVES, J.W. & S.C. HOARE. 1954. Can. Field-Nat. 68: 1-8.
666a. GROVES, J.W. & C.A. LOVELAND. 1953. Mycologia 45: 415-425.
667. GROVES, J.W. & A.J. SKOLKO. 1944. Can. J. Res., C, 22: 190-199.
668. GROVES, J.W. & S.C. THOMSON. 1955. Can. Field-Nat. 69: 44-51.
669. GROVES, J.W., S.C, THOMSON & M. PANTIDOU. 1958. Can. Field-Nat. 72: 133-138.
670. GUTTMAN, S. & W.E. SACKSTON. 1979. Phytoprotection 60: 163.
671. HAAS, J.H. & B. BOLWYN. 1972. Can. J. Plant Sci. 52: 525-533.
672. HAGBORG, W.A.F., A.W. CHIKO, G. FLEISCHMANN, C.C. GILL, G.J. GREEN, J.W. MARTENS, J.J. NIELSON & D.J. SAMBORSKI. 1972. Can. Plant Dis. Survey 52: 113-118.
673. HAGEN, P.O. & A.G. ROSE. 1961. Can. J. Microbiol. 7: 287-294.
674. HAHN, N.J., E.A. PETERSON & R.A. SHOEMAKER. 1966. Can. Plant Dis. Survey 46: 99.
675. HALL, R. 1970. Can. Plant Dis. Survey 50: 124-125.
676. HALL, R. 1975. Can. J. Bot. 53: 452-455.
677. HALL, R. 1976. Can. Phytopath. Soc. Proc. 43: 29.
678. HALL, R. 1979. Can. Phytopath. Soc. Proc. 46: 57.
679. HAMET-AHTI, L. 1972. Syesis 5: 83-85.
680. HAMILTON, D.G., R.V. CLARK, A.E. HANNAH & R. LOISELLE. 1960. Can. J. Plant Sci. 40: 713-720.
681. HAMMOND, G.H. 1961. Can. Field-Nat. 75: 41-42.
682. HAMPSON, M.C. 1977. Can. Plant Dis. Survey 57: 75-78.
683. HAMPSON, M.C. & N.F. HAARD. 1980. Can. J. Plant Path. 2: 143-147.
684. HAMPSON, M.C., K.G. PROUDFOOT & C.R. KELLY. 1976. Can. Plant Dis. Survey 56: 73.
685. HARDER, D.E. 1975. Can. Plant Dis. Survey 55: 63-65.
686. HARDER, D.E. 1976. Can. Plant Dis. Survey 56: 19-22.
687. HARDER, D.E. 1976. Can. Plant Dis. Survey 56: 129-131.
688. HARDER, D.E. 1978. Can. J. Bot. 56: 214-224.
689. HARDER, D.E. 1978. Can. Plant Dis. Survey 58: 39-43.
690. HARDER, D.E. 1979. Can. Plant Dis. Survey 59: 35-37.
691. HARDER, D.E. 1980. Can. J. Plant Path. 2: 249-252.
692. HARDER, D.E. & R.I.H. MCKENZIE. 1974. Can. Plant Dis. Survey 54: 16-18.
693. HARDER, D.E. & W.P. SKOROPAD. 1968. Can. Plant Dis. Survey 48: 39-42.
694. HARDING, H. 1969. Can. Plant Dis. Survey 49: 126-127.
695. HARDING, H. 1970. Can. Plant Dis. Survey 50: 126-129.
696. HARDING, H. 1970. Can. Plant Dis. Survey 50: 142-144.
697. HARDING, H. 1971. Can. J. Bot. 49: 281-287.
698. HARDING, H. 1972. Can. J. Bot. 50: 1805-1810.
699. HARDING, H. 1972. Can. Plant Dis. Survey 52: 149-150.
700. HARDING, H. 1973. Can. J. Bot. 51: 9-13.
701. HARDING, H. 1973. Can. J. Bot. 51: 2514-2516.
702. HARDING, H. & R.A.A. MORRALL. 1973. Can. Plant Dis. Survey 53: 60.
703. HARPER, A.M., A.D. SMITH & F.R. HARPER. 1969. Can. J. Plant Sci. 49: 531-533.
704. HARPER, F.R. 1968. Plant Disease Rep. 52: 565-568.
705. HARPER, F.R. & P. BERGEN. 1976. Can. Plant Dis. Survey 56: 48-52.
706. HARPER, F.R. & L.J. PIENING. 1974. Can. Plant Dis. Survey 54: 1-5.

707. HARPER, F.R. & W.L. SEAMAN. 1980. Can. J. Plant Path. 2: 222-226.

708. HARPER, F.R. & W.L. SEAMAN. 1980. Can. J. Plant Path. 2: 227-231.

709. HARRISON, K.A. 1961. Can. Plant Dis. Survey 41: 175-178.

710. HARRISON, K.A. 1962. Can. Plant Dis. Survey 42: 122-123.

711. HARRISON, K.A. 1965. Can. Plant Dis. Survey 45: 94-95.

712. HARRISON, K.A. 1973. Michigan Bot. 12: 177-194.

713. HARRISON, K.A. & C.L. LOCKHART. 1963. Can. Plant Dis. Survey 43: 33-38.

714. HARTMANN, H. & A.K. WATSON. 1980. Can. J. Plant Path. 2: 173-175.

715. HAWKSWORTH, D.L. 1971. Commonw. Mycol. Inst., England, Mycol. Paper 126.

716. HAWN, E.J. 1961. Can. Plant Dis. Survey 42: 371.

717. HENNEBERT, G.L. 1962. Can. J. Bot. 40: 1203-1216.

718. HENNEBERT, G.L. & J.W. GROVES. 1963. Can. J. Bot. 41: 341-370.

719. HENNEN, J.F. 1967. Mycologia 59: 264-273.

720. HENNEN, J.F. & G.B. CUMMINS. 1969. Mycologia 61: 340-356.

721. HENRY, A.W. & C. ELLIS. 1971. Can. Plant Dis. Survey 51: 76-79.

722. HENRY, A.W. & D. STELFOX. 1971. Can. Phytopath. Soc. Proc. 38: 16.

723. HENRY, J.V. & G.J. PELLETIER. 1979. Phytoprotection 60: 172.

724. HESLER, L.R. & A.H. SMITH. 1965. North American species of *Crepidotus*. Hafner, New York.

725. HILDEBRAND, A.A. & L.W. KOCH. 1952. Can. Phytopath. Soc. Proc. 20: 17.

726. HILL, J.T., D.J. ORMROD & R.J. COPEMAN. 1977. Can. Plant Dis. Survey 57: 71-74.

727. HINDS, T.E. & T.H. LAURENT. 1978. Plant Disease Rep. 62: 972-975.

728. HIRATSUKA, Y. 1965. Can. J. Bot. 43: 475-478.

729. HIRATSUKA, Y. 1970. Can. J. Bot. 48: 433-435.

730. HIRATSUKA, Y. 1973. Mycologia 65: 137-144.

731. HIRATSUKA, Y. & A. FUNK. 1976. Plant Disease Rep. 60: 631.

732. HIRATSUKA, Y. & E.J. GAUTREAU. 1966. Plant Disease Rep. 50: 419.

733. HIRATSUKA, Y. & P.J. MARUYAMA. 1968. Plant Disease Rep. 52: 650-651.

734. HIRATSUKA, Y. & P.J. MARUYAMA. 1976. Plant Disease Rep. 60: 241.

735. HIRATSUKA, Y. & J.M. POWELL. 1976. Can. Forestry Service, Ottawa. Tech. Report 4.

736. HIRATSUKA, Y. & A. TSUNEDA. 1978. Can. Phytopath. Soc. Proc. 45: 36.

737. HIRATSUKA, Y., L.E. McARTHUR & F.J. EMOND. 1967. Can. J. Bot. 45: 1913-1915.

738. HIRATSUKA, Y., W. MORF & J.M. POWELL. 1966. Can. J. Bot. 44: 1639-1643.

739. HIRATSUKA, Y., A. TSUNEDA & L. SIGLER. 1979. Plant Disease Rep. 63: 512-513.

740. HJORTSTAM, K. & E. HOGHOLEN. 1980. Mycotaxon 10: 265-268.

741. HJORTSTAM, K. & K.-H. LARSSON. 1977. Mycotaxon 5: 475-480.

742. HJORTSTAM, K. & K.-H. LARSSON. 1978. Mycotaxon 7: 117-124.

743. HJORTSTAM, K. & L. RYVARDEN. 1979. Mycotaxon 10: 201-209.

744. HJORTSTAM, K. & L. RYVARDEN. 1979. Mycotaxon 9: 505-519.

745. HOCKING, D. 1970. Can. Plant Dis. Survey 50: 121-123.

746. HOCKING, D. 1971. Can. J. Forest Res. 1: 208-215.

747. HODGES, C.S. 1962. Mycologia 54: 62-69.

748. HOES, J.A. 1969. Can. Plant Dis. Survey 49: 27.

749. HOES, J.A. 1971. Can. J. Bot. 49: 1863-1866.

750. HOES, J.A. & H.C. HUANG. 1976. Can. Plant Dis. Survey 56: 75-76.

751. HOES, J.A. & E.G. KENASCHUK. 1968. Can. Plant Dis. Survey 48: 153.

752. HOES, J.A. & E.D. PUTT. 1962. Can. Plant Dis. Survey 42: 256-257.

753. HOES, J.A. & E.D. PUTT. 1963. Can. Plant Dis. Survey 43: 210-211.

754. HOES, J.A. & E.D. PUTT. 1964. Can. Plant Dis. Survey 44: 236-237.

755. HOES, J.A. & I.H. TYSON. 1963. Plant Disease Rep. 47: 836.

756. HOES, J.A. & I.H. TYSON. 1966. Plant Disease Rep. 50: 62-63.

757. HOES, J.A. & D.E. ZIMMER. 1976. Plant Disease Rep. 60: 1010-1013.

758. HOES, J.A. & R.C. ZIMMER. 1968. Can. Plant Dis. Survey 48: 152-153.

759. HOES, J.A., G.W. BRUEHL & C.G. SHAW. 1965. Mycologia 57: 904-912.

760. HOLM, L. 1957. Symb. Bot. Upsal. 14: 1-188.

761. HOLM, L. 1961. Svensk Bot. Tidsk. 55: 73.

762. HOLM, L. 1963. Svensk Bot. Tidskr. 57: 129-144.

763. HOLM, L. 1968. Svensk Bot. Tidskr. 62: 217-242.

764. HOLM, L. 1975. Svensk Bot. Tidskr. 69: 143-160.

765. HOLUBOVA-JECHOVA, V. 1974. Folia Geobot. Phytotax., Praha 9: 425-432.

766. HOLUBOVA-JECHOVA, V. 1982. Folia Geobot. Phytotax., Praha 17: 295-327.

767. HOPKINS, J.C. 1961. Can. J. Bot. 39: 1521-1529.

768. HOPKINS, J.C. 1963. Can. J. Bot. 41: 1535-1545.

769. HORNER, R.M. 1952. Can. Phytopath. Soc. Proc. 20: 17.

770. HORNER, R.M. 1953. Mycological Investigations of Birch in Ontario. *In*: Report of the Symposium on Birch Dieback. Can. Dept. Agr., Sci. Service, Forest Biology Div., Ottawa. Part 2: 144-146.

771. HORNER, R.M. 1955. Can. Phytopath. Soc. Proc. 23: 16-17.

772. HOWARD, R.J. 1979. Can. Phytopath. Soc. Proc. 46: 60.

773. HOWARD, R.J. & R.A.A. MORRALL. 1971. Can. Phytopath. Soc. Proc. 38: 17.

774. HUANG, H.C. 1978. Can. J. Bot. 56: 2243-2246.

775. HUANG, H.C. 1980. Can. J. Plant Path. 2: 26-32.

776. HUANG, H.C. & J. DUECK. 1980. Can. J. Plant Path. 2: 47-52.

777. HUANG, H.C. & J.A. HOES. 1980. Plant Disease 64: 81-84.

778. HUBBES, M. 1966. Can. J. Bot. 44: 365-386.

779. HUBBES, M. & R. d'ASTOUS. 1967. Can. J. Bot. 45: 1145-1153.

780. HUDAK, J. & P. SINGH. 1970. Can. Plant Dis. Survey 50: 99-101.

781. HUDAK, J. & R.E. WELLS. 1974. Forestry Chronicle 50: 74-76.

782. HUGHES, G.C. 1969. Syesis 2: 121-140.

783. HUGHES, G.C. 1973. Syesis 6: 233-238.

784. HUGHES, S.J. 1960. Can. J. Bot. 38: 659-696.

785. HUGHES, S.J. 1965. N. Zealand J. Bot. 3: 136-150.

786. HUGHES, S.J. 1968. Can. J. Bot. 46: 1099-1107.

787. HUGHES, S.J. 1968. Can. J. Bot. 46: 939-943.

788. HUGHES, S.J. 1971. Annellophores. *In*: B. Kendrick ed., Taxonomy of Fungi Imperfecti. pp. 132-140.

789. HUGHES, S.J. 1971. Phycomycetes, Basidiomycetes, and Ascomycetes as Fungi Imperfecti. *In*: B. Kendrick ed., Taxonomy of Fungi Imperfecti. pp. 7-36.

790. HUGHES, S.J. 1973. Fungi Canadenses No. 4, National Mycological Herbarium, Agriculture Canada, Ottawa.

791. HUGHES, S.J. 1973. Fungi Canadenses No. 5, National Mycological Herbarium, Agriculture Canada, Ottawa.

792. HUGHES, S.J. 1973. Fungi Canadenses No. 6, National Mycological Herbarium, Agriculture Canada, Ottawa.

793. HUGHES, S.J. 1973. Fungi Canadenses No. 7, National Mycological Herbarium, Agriculture Canada, Ottawa.

794. HUGHES, S.J. 1973. Fungi Canadenses No. 8, National Mycological Herbarium, Agriculture Canada, Ottawa.

795. HUGHES, S.J. 1973. Fungi Canadenses No. 9, National Mycological Herbarium, Agriculture Canada, Ottawa.

796. HUGHES, S.J. 1974. Fungi Canadenses No. 34, National Mycological Herbarium, Agriculture Canada, Ottawa.

797. HUGHES, S.J. 1974. N. Zealand J. Bot. 12: 299-356.

798. HUGHES, S.J. 1976. Mycologia 68: 693-820.

799. HUGHES, S.J. 1978. Fungi Canadenses No. 122, National Mycological Herbarium, Agriculture Canada, Ottawa.

800. HUGHES, S.J. 1978. Fungi Canadenses No. 123, National Mycological Herbarium, Agriculture Canada, Ottawa.

801. HUGHES, S.J. 1978. Fungi Canadenses No. 124, National Mycological Herbarium, Agriculture Canada, Ottawa.

802. HUGHES, S.J. 1978. Fungi Canadenses No. 125, National Mycological Herbarium, Agriculture Canada, Ottawa.

803. HUGHES, S.J. 1978. Fungi Canadenses No. 126, National Mycological Herbarium, Agriculture Canada, Ottawa.

804. HUGHES, S.J. 1978. Fungi Canadenses No. 129, National Mycological Herbarium, Agriculture Canada, Ottawa.

805. HUGHES, S.J. 1978. N. Zealand J. Bot. 16: 311-370.

806. HUGHES, S.J. 1979. Fungi Canadenses No. 132, National Mycological Herbarium, Agriculture Canada, Ottawa.

807. HUGHES, S.J. 1979. Fungi Canadenses No. 150, National Mycological Herbarium, Agriculture Canada, Ottawa.

808. HUGHES, S.J. 1979. N. Zealand J. Bot. 17: 139-188.

809. HUGHES, S.J. 1980. Fungi Canadenses No. 162, National Mycological Herbarium, Agriculture Canada, Ottawa.

810. HUGHES, S.J. 1980. Fungi Canadenses No. 163, National Mycological Herbarium, Agriculture Canada, Ottawa.

811. HUGHES, S.J. 1980. Fungi Canadenses No. 164, National Mycological Herbarium, Agriculture Canada, Ottawa.

812. HUGHES, S.J. 1980. Fungi Canadenses No. 167, National Mycological Herbarium, Agriculture Canada, Ottawa.

813. HUGHES, S.J. 1980. Fungi Canadenses No. 183, National Mycological Herbarium, Agriculture Canada, Ottawa.

814. HUGHES, S.J. 1980. Fungi Canadenses No. 184, National Mycological Herbarium, Agriculture Canada, Ottawa.

815. HUGHES, S.J. 1980. Fungi Canadenses No. 185, National Mycological Herbarium, Agriculture Canada, Ottawa.

816. HUGHES, S.J. & J.C. COOKE. 1979. Fungi Canadenses No. 144, National Mycological Herbarium, Agriculture Canada, Ottawa.

817. HUGHES, S.J. & J.C. COOKE. 1979. Fungi Canadenses No. 145, National Mycological Herbarium, Agriculture Canada, Ottawa.

818. HUGHES, S.J. & J.C. COOKE. 1979. Fungi Canadenses No. 146, National Mycological Herbarium, Agriculture Canada, Ottawa.

819. HUGHES, S.J. & J.C. COOKE. 1979. Fungi Canadenses No. 147, National Mycological Herbarium, Agriculture Canada, Ottawa.

820. HUGHES, S.J. & J.C. COOKE. 1980. Fungi Canadenses No. 161, National Mycological Herbarium, Agriculture Canada, Ottawa.

821. HUGHES, S.J. & G.L. HENNEBERT. 1963. Can. J. Bot. 41: 773-809.

822. HUGHES, S.J. & W.I. ILLMAN. 1974. Fungi Canadenses No. 57, National Mycological Herbarium, Agriculture Canada, Ottawa.

823. HUGHES, S.J. & W.I. ILLMAN. 1974. Fungi Canadenses No. 58, National Mycological Herbarium, Agriculture Canada, Ottawa.

824. HUGHES, S.J. & W.I. ILLMAN. 1974. Fungi Canadenses No. 59, National Mycological Herbarium, Agriculture Canada, Ottawa.

825. HUGHES, S.J. & W.I. ILLMAN. 1974. Fungi Canadenses No. 60, National Mycological Herbarium, Agriculture Canada, Ottawa.

826. HUGHES, S.J. & W.B. KENDRICK. 1963. Can. J. Bot. 41: 693-718.

827. HUGHES, S.J. & E.G. KOKKO. 1975. Fungi Canadenses No. 69, National Mycological Herbarium, Agriculture Canada, Ottawa.

828. HUGHES, S.J. & E.G. KOKKO. 1977. Fungi Canadenses No. 108, National Mycological Herbarium, Agriculture Canada, Ottawa.

829. HUGHES, S.J. & K.A. PIROZYNSKI. 1972. Can. J. Bot. 52: 2521-2534.

830. HULME, M.A. & J.K. SHIELDS. 1972. Can. J. Bot. 50: 1421-1427.

831. HUNT, K., J.T. BASHAM & J.A. KEMPERMAN. 1978. Can. J. Forest Res. 8: 181-187.

832. HUNT, R.S. 1980. Mycotaxon 11: 233-240.

833. HUNT, R.S. & H.J. O'REILLY. 1978. Plant Disease Rep. 62: 659-660.

834. HUNTLEY, J.H., J.D. CAFLEY & E. JORGENSON. 1961. Forestry Chronicle 37: 228-236.

835. ILLINGWORTH, K. 1973. Can. J. Forest Res. 3: 585-589.

836. ILLMAN, W.I. 1960. Can. Plant Dis. Survey 40: 45.

837. ILLMAN, W.I. 1964. Plant Disease Rep. 48: 68.

838. ILLMAN, W.I. 1972. Can. Plant Dis. Survey 52: 110.

839. IVES, W.G.H. 1972. Can. Forestry Service, Edmonton. Report NOR-X-12.

840. JABBAR MIAH, M.A. & W.E. SACKSTON. 1970. Phytoprotection 51: 1-16.

841. JABBAR MIAH, M.A. & W.E. SACKSTON. 1970. Phytoprotection 51: 17-35.

842. JACKSON, R.S. 1972. Can. J. Bot. 50: 869-875.

843. JAMES, W.C. 1971. Can. Plant Dis. Survey 51: 24-31.

844. JAMES, W.C. & T.R. DAVIDSON. 1971. Can. Plant Dis. Survey 51: 148-153.

845. JARVIS, W.R. 1977. Canada Dept. Agric., Ottawa. Monograph No. 15.

846. JARVIS, W.R. & K. SLINGSBY. 1977. Plant Disease Rep. 61: 728-730.

847. JARVIS, W.R. & H.J. THORPE. 1976. Plant Disease Rep. 60: 1027-1031.

848. JARVIS, W.R. & H.J. THORPE. 1980. Plant Disease 64: 309-310.

849. JARVIS, W.R., H.J. THORPE & B.H. MACNEILL. 1975. Can. Plant Dis. Survey 55: 25-26.

850. JENG, R.S. & J.C. KRUG. 1977. Can. J. Bot. 55: 83-95.

851. JHOOTY, J.S. & W.E. MCKEEN. 1962. Plant Disease Rep. 46: 218-219.

852. JOHNSON, A.L.S., G.W. WALLIS & R.E. FOSTER. 1972. Forestry Chronicle 48: 316-319.

853. JOHNSON, D.W. & J.E. KUNTZ. 1978. Can. J. Bot. 56: 1518-1525.

854. JOHNSON, H.W. 1969. Can. Plant Dis. Survey 49: 122-125.

855. JOHNSTON, H.W. 1970. Plant Disease Rep. 54: 91-93.

856. JOHNSTON, H.W. 1972. Can. Plant Dis. Survey 52: 82-84.

857. JOHNSTON, H.W. 1974. Can. Plant Dis. Survey 54: 71-73.

858. JOHNSTON, H.W. & J.A. CUTCLIFFE. 1969. Can. Plant Dis. Survey 49: 140.

859. JOHNSTON, H.W. & L.S. THOMPSON. 1972. Can. Plant Dis. Survey 52: 19.

860. JOHNSTON, H.W., J.A. IVANY & J.A. CUTCLIFFE. 1980. Plant Disease 64: 942-943.

861. JOHNSTON, H.W., J.A. MACLEOD & H.G. NASS. 1979. Can. Phytopath. Soc. Proc. 46: 61.

862. JONG, S.C. & C.R. BANJAMIN. 1971. Mycologia 63: 862-876.

863. JORGENSEN, E. & J.D. CAFLEY. 1961. Forestry Chronicle 37: 394-400.

864. JÜLICH, W. 1972. Willdenowia, Beih. 7: 1-283.

865. JULIEN, J.B. 1961. Can. Plant Dis. Survey 41: 329.

866. JULIEN, J.B. 1966. Phytoprotection 47: 73-77.

867. KALLIO, P. 1980. Centre for Northern Studies and Research, McGill University, Montreal. Subarctic Res. Paper 30.

868. KALU, N.N., J.C. SUTTON & O. VAARTAJA. 1976. Can. J. Plant Sci. 56: 555-561.

869. KANKAINEN, E. 1969. Karstenia 9: 23-34.

870. KEANE, E.M. & W.E. SACKSTON. 1970. Can. J. Plant Sci. 50: 415-422.

871. KEMP, W.G. & D.J.S. BARR. 1978. Phytopath. Zeitschr. 91: 203-217.

872. KENDRICK, W.B. 1961. Can. J. Bot. 39: 817-832.

873. KENDRICK, W.B. 1961. Can. J. Bot. 39: 1079-1085.

874. KENDRICK, W.B. 1962. Can. J. Bot. 40: 771-797.

875. KENDRICK, W.B. 1962. Can. J. Microbiol. 8: 639-647.

876. KENDRICK, W.B. 1963. Can. J. Bot. 41: 573-577.

877. KENDRICK, W.B. 1963. Can. J. Bot. 41: 1015-1023.

878. KENDRICK, W.B. & A.C. MOLNAR. 1965. Can. J. Bot. 43: 39-44.

879. KENDRICK, W.B., G.T. COLE & G.C. BHATT. 1968. Can. J. Bot. 46: 591-596.

880. KENNEDY, L.L. & A.W. STEWART. 1967. Can. J. Bot. 45: 1597-1604.

881. KENNETH, R. & P.K. ISAAC. 1964. Can. J. Plant Sci. 44: 182-187.

882. KHALIL, M.A.K. 1976. Forestry Chronicle 53: 150-154.

883. KHARBANDA, P.D. & C.C. BERNIER. 1975. Can. Phytopath. Soc. Proc. 42: 20.

884. KHARBANDA, P.D. & C.C. BERNIER. 1977. Can. J. Plant Sci. 57: 745-749.

885. KHARBANDA, P.D. & C.C. BERNIER. 1977. Plant Disease Rep. 61: 1051-1053.

886. KHARBANDA, P.D. & C.C. BERNIER. 1979. Can. J. Plant Sci. 59: 661-666.

887. KHARBANDA, P.D. & C.C. BERNIER. 1979. Plant Disease Rep. 63: 662-663.

888. KLINE, D.M. & R.R. NELSON. 1963. Plant Disease Rep. 47: 890-894.

889. KOHLMEYER, J. & E. 1974. Mycologia 66: 77-86.

890. KOHLMEYER, J. & E. 1979. Marine mycology. Academic Press, N.Y.

891. KOHLMEYER, J. & R.V. GESSNER. 1976. Can. J. Bot. 54: 1759-1766.

892. KOHN, L.M. 1979. Mycotaxon 9: 365-444.

893. KOKKO, E.G. & R.A. SHOEMAKER. 1974. Fungi Canadenses No. 48, National Mycological Herbarium, Agriculture Canada, Ottawa.

894. KOKKO, E.G. & R.A. SHOEMAKER. 1974. Fungi Canadenses No. 51, National Mycological Herbarium, Agriculture Canada, Ottawa.

895. KONDO, E.S. 1979. Can. Phytopath. Soc. Proc. 46: 62.

896. KONDO, E.S., D.N. ROY & E. JORGENSEN. 1973. Can. J. Forest Res. 3: 548-555.

897. KORF, R.P. 1962. Mycologia 54: 12-33.

898. KORF, R.P. & G.S. ABAWI. 1971. Can. J. Bot. 49: 1879-1883.

899. KORF, R.P. & S.C. GRUFF. 1978. Mycotaxon 7: 185-203.

900. KOSKE, R.E. 1972. Can. J. Bot. 50: 2565-2567.

901. KOSKE, R.E. 1974. Mycologia 66: 298-318.

902. KOSKE, R.E. & P.W. PERRIN. 1971. Can. J. Bot. 49: 695-697.

903. KOWALSKI, D.T. & A.A. HINCHEE. 1972. Syesis 5: 95-97.

904. KOZAR, F. & H.J. NETOLITZKY. 1975. Can. J. Bot. 53: 972-977.

905. KUIJT, J. 1969. Can. J. Bot. 47: 1359-1365.

906. KUKKONEN, I. 1961. Can. J. Bot. 39: 155-164.

907. KURTZMAN, C.P. 1977. Mycologia 69: 547-555.

907a. LACHANCE, D. 1970. Can. J. Bot. 48: 447-452.

908. LACHANCE, D. 1972. Phytoprotection 53: 49.

909. LACHANCE, D. 1974. Phytoprotection 55: 95.

910. LACHANCE, D. 1975. Can. J. Forest Res. 5: 130-138.

911. LACHANCE, D. 1977. Phytoprotection 58: 77-83.

912. LACHANCE, D. 1977. Phytoprotection 58: 129.

913. LACHANCE, D. 1977. Phytoprotection 58: 130.

914. LACHANCE, D. 1978. Forestry Chronicle 54: 20-23.

915. LACHANCE, D. 1979. Can. J. Forest Res. 9: 287-289.

916. LACHANCE, D. 1979. Phytoprotection 60: 168.

917. LACHANCE, D. & L. MORIN. 1972. Phytoprotection 53: 34-41.

918. LACHANCE, E. 1967. Phytoprotection 48: 134.

919. LAFLAMME, G. & M. LORTIE. 1973. Can. J. Forest Res. 3: 155-160.

920. LAKSHMANAN, M. & T.C. VANTERPOOL. 1967. Can. J. Bot. 45: 847-853.

921. LANGENBERG, W.J., T.J. GILLESPIE & J.C. SUTTON. 1976. Can. Phytopath. Soc. Proc. 43: 30.

922. LANIER, L. 1968. Bull. Soc. Mycol. France 83: 959-979.

923. LARSEN, M.J. 1964. Can. J. Bot. 42: 1167-1172.

924. LARSEN, M.J. 1965. Can. J. Bot. 43: 1485-1510.

925. LARSEN, M.J. 1966. Mycologia 58: 597-613.

926. LARSEN, M.J. 1968. Mycologia 60: 547-552.

927. LARSEN, M.J. 1968. Mycologia 60: 1178-1184.

928. LARSEN, M.J. 1969. Mycologia 61: 670-679.

929. LARSEN, M.J. 1970. Mycologia 62: 256-271.

930. LARSEN, M.J. & R.L. GILBERTSON. 1977. Norw. J. Bot. 24: 99-121.

931. LARSEN, M.J. & B. ZAK. 1978. Can. J. Bot. 56: 1122-1129.

932. LARSEN, M.J., F.F. LOMBARD & P.E. AHO. 1979. Can. J. Forest Res. 9: 31-38.

933. LARTER, E.N. & H. ENNS. 1962. Can. J. Plant Sci. 42: 69-77.

934. LAUT, J.G., B.C. SUTTON & J.J. LAWRENCE. 1966. Plant Disease Rep. 50: 208.

935. LAVALLEE, A. 1964. Can. J. Bot. 42: 1495-1502.

936. LAVALLEE, A. 1964. Phytoprotection 45: 46.

937. LAVALLEE, A. 1965. Phytoprotection 46: 163-168.

938. LAVALLEE, A. 1966. Phytoprotection 47: 92.

939. LAVALLEE, A. 1967. Phytoprotection 48: 1-3.

940. LAVALLEE, A. 1968. Forestry Chronicle 44(4): 5-10.

941. LAVALLEE, A. 1969. Phytoprotection 50: 16-22.

942. LAVALLEE, A. 1971. Phytoprotection 52: 91-92.

943. LAVALLEE, A. 1971. Phytoprotection 52: 125-130.

944. LAVALLEE, A. 1974. Forestry Chronicle 50: 228-232.

945. LAVALLEE, A. & A. BARD. 1971. Can. J. Forest Res. 1: 113-120.

946. LAVALLEE, A. & G. BARD. 1973. Can. J. Forest Res. 3: 251-255.

947. LAVALLEE, A. & G. BARD. 1978. Phytoprotection 59: 132-136.

948. LAVALLEE, A. & M. LORTIE. 1968. Forestry Chronicle 44(2): 5-10.

949. LAVALLEE, A. & M. LORTIE. 1971. Phytoprotection 52: 112-118.

950. LAWRENCE, J.J. & Y. HIRATSUKA. 1972. Can. Forestry Service, Edmonton. Report NOR-X-20.

951. LAWRENCE, J.J. & Y. HIRATSUKA. 1972. Can. Forestry Service, Edmonton. Report NOR-X-21.

952. LAWRENCE, J.J. & Y. HIRATSUKA. 1972. Can. Forestry Service, Edmonton. Report NOR-X-22.

953. LAWRENCE, J.J. & Y. HIRATSUKA. 1972. Can. Forestry Service, Edmonton. Report NOR-X-28.

954. LAWRENCE, J.J. & Y. HIRATSUKA. 1972. Can. Forestry Service, Edmonton. Report NOR-X-27.

955. LAZAROVITS, G., C.H. UNWIN & E.W.B. WARD. 1980. Plant Disease 64: 163-165.

956. LEBEAU, J.B. 1968. Can. Plant Dis. Survey 48: 130-131.

957. LEBEAU, J.B. & E.J. HAWN. 1961. Can. Plant Dis. Survey 41: 317-320.

958. LEBREAU, J.B., M.W. CORMACK & E.W.B. WARD. 1961. Can. J. Plant Sci. 41: 744-750.

959. LEDINGHAM, R.J. 1961. Can. J. Plant Sci. 41: 479-486.

960. LEDINGHAM, R.J. 1970. Can. J. Plant Sci. 50: 175-179.

961. LEDINGHAM, R.J. & S.H.F. CHINN. 1964. Can. J. Plant Sci. 44: 47-52.

962. LEDINGHAM, R.J., B.J. SALLANS & A. WENHARDT. 1960. Can. J. Plant Sci. 40: 310-316.

963. LEDINGHAM, R.J., T.G. ATKINSON, J.S. HORRICKS, J.T. MILLS, L.J. PIENING & R.D. TINLINE. 1973. Can. Plant Dis. Survey 53: 113-122.

964. LEMKE, P.A. 1964. Can. J. Bot. 42: 213-282.

965. LEMKE, P.A. 1964. Can. J. Bot. 42: 723-768.

966. LEMKE, P.A. 1969. Mycologia 61: 57-76.

967. LIBERTA, A.E. 1960. Mycologia 52: 884-913.

968. LIBERTA, A.E. 1965. Mycologia 57: 459-464.

969. LIBERTA, A.E. 1966. Mycologia 58: 927-933.

970. LIBERTA, A.E. 1973. Can. J. Bot. 51: 1871-1892.

971. LINDEBERG, B. 1959. Symb. Bot. Upsal. 16(2): 1-175.

972. LINDSEY, J.P. & R.L. GILBERTSON. 1977. Mycologia 69: 193-197.

973. LINZON, S.N. 1962. Forestry Chronicle 38: 497-504.

974. LINZON, S.N. 1968. Can. J. Bot. 46: 1565-1574.

975. LOCHHEAD, A.G. & F.D. COOK. 1961. Can. J. Bot. 39: 7-19.

976. LOCKHART, C.L. 1961. Can. J. Plant Sci. 41: 336-341.

977. LOCKHART, C.L. 1961. Can. Plant Dis. Survey 41: 366.

978. LOCKHART, C.L. 1962. Can. Plant Dis. Survey 42: 254.

979. LOCKHART, C.L. 1963. Can. Plant Dis. Survey 43: 23-26.

980. LOCKHART, C.L. 1965. Can. Plant Dis. Survey 45: 11-12.

981. LOCKHART, C.L. 1968. Can. Plant Dis. Survey 48: 128-129.

982. LOCKHART, C.L. 1970. Can. Phytopath. Soc. Proc. 37: 24.

983. LOCKHART, C.L. 1970. Can. Plant Dis. Survey 50: 93-94.

984. LOCKHART, C.L. 1970. Can. Plant Dis. Survey 50: 108.

985. LOCKHART, C.L. & E.W. CHIPMAN. 1963. Can. J. Plant Sci. 43: 503-507.

986. LOCKHART, C.L. & D.L. CRAIG. 1964. Can. Plant Dis. Survey 44: 105-108.

987. LOCKHART, C.L. & D.L. CRAIG. 1967. Can. Plant Dis. Survey 47: 17-20.

988. LOCKHART, C.L. & R.W. DELBRIDGE. 1972. Can. Plant Dis. Survey 52: 119-121.

989. LOCKHART, C.L. & R.W. DELBRIDGE. 1972. Can. Plant Dis. Survey 52: 140-142.

990. LOCKHART, C.L. & F.R. FORSYTH. 1974. Can. Plant Dis. Survey 54: 101-102.

991. LOCKHART, C.L. & F.R. FORSYTH. 1976. Can. Plant Dis. Survey 56: 35.

992. LOCKHART, C.L. & K.A. HARRISON. 1962. Can. Plant Dis. Survey 42: 107-110.

993. LOCKHART, C.L. & A.A. MACNAB. 1966. Can. Plant Dis. Survey 46: 88-89.

994. LOCKHART, C.L. & R.G. ROSS. 1961. Can. Plant Dis. Survey 41: 280-285.

995. LOCKHART, C.L., C.A. EAVES & F.R. FORSYTH. 1970. Can. Plant Dis. Survey 50: 90-92.

996. LOCKHART, C.L., I.V. HALL & R.A. MURRAY. 1973. Can. Plant Dis. Survey 53: 99-100.

997. LOCKHART, C.L., A.A. MACNAB & B. BOLWYN. 1969. Can. Plant Dis. Survey 49: 46-48.

998. LOISELLE, R. 1964. Can. J. Plant Sci. 44: 259-262.

999. LOMAN, A.A. 1962. Can. J. Bot. 40: 1545-1559.

1000. LOMAN, A.A. 1963. Can. Phytopath. Soc. Proc. 30: 13.

1001. LOMAN, A.A. 1970. Can. J. Bot. 48: 1303-1308.

1002. LOMAN, A.A. & G.D. PAUL. 1963. Forestry Chronicle 39: 422-435.

1003. LOMBARD, F.F. & R.L. GILBERTSON. 1965. Mycologia 57: 43-76.

1004. LOMBARD, F.F. & R.L. GILBERTSON. 1966. Mycologia 58: 827-845.

1005. LOPATECKI, L.E. & H. BURDON. 1966. Can. J. Plant Sci. 46: 633-638.

1006. LOPATECKI, L.E. & W. PETERS. 1972. Can. J. Plant Sci. 52: 875-879.

1007. LOPATECKI, L.E. & S.W. PORRITT. 1969. Can. J. Plant Sci. 49: 719-711.

1008. LOPEZ, M.E. & C.L. FERGUS. 1965. Mycologia 57: 897-903.

1009. LORTIE, M. 1964. Naturaliste Can. 91: 241-248.

1010. LORTIE, M. 1965. Forestry Chronicle 41: 112-115.

1011. LORTIE, M. & J.E. KUNTZ. 1963. Can. J. Bot. 41: 1203-1210.

1012. LOWE, D.P. 1977. Can. Forestry Service, Victoria. Report BC-X-32.

1013. LOWE, J.L. 1975. Mycotaxon 2: 1-83.

1014. LOWE, J.L. & R.L. GILBERTSON. 1961. Mycologia 53: 474-511.

1015. LUCK-ALLEN, E.R. 1960. Can. J. Bot. 38: 559-569.

1016. LUCK-ALLEN, E.R. 1963. Can. J. Bot. 41: 1025-1052.

1017. LUTHER, B.S. & S.A. REDHEAD. 1981. Mycotaxon 12: 417-430.

1018. LUTTRELL, E.S. 1963. Mycologia 55: 643-674.

1019. LYNCH, K.V., L.V. EDGINGTON & L.V. BUSCH. 1980. Can. J. Plant Path. 2: 176-178.

1020. MACHACEK, J.E. & H.A.H. WALLACE. 1961. Can. Plant Dis. Survey 41: 301-305.

1021. MACHACEK, J.E. & H.A.H. WALLACE. 1962. Can. Plant Dis. Survey 42: 189-194.

1022. MACHACEK, J.E. & H.A.H. WALLACE. 1963. Can. Plant Dis. Survey 43: 188-193.

1023. MACHACEK, J.E. & H.A.H. WALLACE. 1964. Can. Plant Dis. Survey 44: 248-253.

1024. MACLACHLAN, D.S. 1964. Can. Plant Dis. Survey 44: 254-256.

1025. MACLAREN, R.B. & J.D.E. STERLING. 1964. Can. J. Plant Sci. 44: 157-160.

1026. MACLEOD, D.M. 1960. Can. Phytopath. Soc. Proc. 27: 14.

1027. MACNAB, A.A. & C.O. GOURLEY. 1962. Can. Plant Dis. Survey 42: 238-245.

1028. MACRAE, R. 1967. Can. J. Bot. 45: 1371-1398.

1029. MADHOSINGH, C. 1961. Can. J. Microbiol. 7: 553-567.

1030. MADHOSINGH, C. 1962. Can. Plant Dis. Survey 42: 155-158.

1031. MADHOSINGH, C. 1964. Can. J. Bot. 42: 1677-1683.

1032. MAGASI, L.P. 1966. Can. Forestry Service, Fredericton. Report M-X-7.

1033. MAGASI, L.P. 1972. Plant Disease Rep. 56: 245-246.

1034. MAGASI, L.P. 1975. Plant Disease Rep. 59: 623-624.

1035. MAGASI, L.P. & J.M. MANLEY. 1974. Plant Disease Rep. 58: 892-894.

1036. MAGASI, L.P. & J.M. MANLEY. 1975. Can. Forestry Service, Fredricton. Report M-X-52.

1037. MAGASI, L.P., S.A. MANLEY & R.E. WALL. 1975. Plant Disease Rep. 59: 664.

1037a. MALLOCH, D. 1970. Mycologia 62: 727-740.

1038. MALLOCH, D. 1974. Fungi Canadenses No. 32, National Mycological Herbarium, Agriculture Canada, Ottawa.

1039. MALLOCH, D. 1976. Fungi Canadenses No. 82, National Mycological Herbarium, Agriculture Canada, Ottawa.

1040. MALLOCH, D. & R.F. CAIN. 1970. Can. J. Bot. 48: 1815-1825.

1041. MALLOCH, D. & S.A. REDHEAD. 1979. Fungi Candenses No. 142, National Mycological Herbarium, Agriculture Canada, Ottawa.

1042. MALLOCH, D. & C.T. ROGERSON. 1977. Can. J. Bot. 55: 1505-1509.

1043. MANOCHA, M.S. 1965. Can. J. Bot. 43: 1329-1333.

1044. MARTENS, J.W. 1967. Can. Plant Dis. Survey 47: 9-10.

1045. MARTENS, J.W. 1968. Can. Plant Dis. Survey 48: 17-19.

1046. MARTENS, J.W. 1969. Can. Plant Dis. Survey 49: 88-90.

1047. MARTENS, J.W. 1971. Can. Plant Dis. Survey 51: 11-13.

1048. MARTENS, J.W. 1972. Can. Plant Dis. Survey 52: 171-172.

1049. MARTENS, J.W. 1974. Can. Plant Dis. Survey 54: 19-20.

1050. MARTENS, J.W. 1975. Can. Plant Dis. Survey 55: 61-62.

1051. MARTENS, J.W. 1978. Can. Plant Dis. Survey 58: 51-52.

1052. MARTENS, J.W. 1979. Can. Plant Dis. Survey 59: 70-72.

1053. MARTENS, J.W. 1980. Can. J. Plant Path. 2: 253-255.

1054. MARTENS, J.W. & P.K. ANEMA. 1972. Can. Plant Dis. Survey 52: 17-18.

1055. MARTENS, J.W. & G.J. GREEN. 1966. Can. Plant Dis. Survey 46: 24-26.

1056. MARTENS, J.W. & G.J. GREEN. 1968. Can. Plant Dis. Survey 48: 102-103.

1057. MARTENS, J.W. & R.I.H. MCKENZIE. 1976. Can. Plant Dis. Survey 56: 23-24.

1058. MARTENS, J.W. & R.I.H. MCKENZIE. 1976. Can. Plant Dis. Survey 56: 126-128.

1059. MARTENS, J.W., G. FLEISCHMANN & R.I.H. MCKENZIE. 1972. Can. Plant Dis. Survey 52: 122-125.

1060. MARTIN, K.J. & R.L. GILBERTSON. 1977. Mycotaxon 6: 43-77.

1061. MARTIN, K.J. & R.L. GILBERTSON. 1978. Mycotaxon 7: 337-356.

1062. MARTIN, K.J. & R.L. GILBERTSON. 1980. Mycotaxon 10: 479-501.

1063. MCARTHUR, L.E. 1966. Can. Forestry Service, Edmonton. Report A-X-4.

1064. MCBRIDE, R.P. 1969. Can. J. Bot. 47: 711-715.

1065. McDONALD, W.C. 1961. Can. Plant Dis. Survey 41: 194-198.

1066. MCDONALD, W.C. 1966. Can. J. Bot. 44: 43-46.

1067. MCDONALD, W.C. 1970. Can. Plant Dis. Survey 50: 113-117.

1068. MCDONALD, W.C. & K.W. BUCHANNON. 1964. Can. Plant Dis. Survey 44: 118-119.

1069. MCDONALD, W.C. & H.H. MARSHALL. 1961. Can. Plant Dis. Survey 41: 275-279.

1070. MCDONALD, W.C., J.W. MARTENS, G.J. GREEN, D.J. SAMBORSKI, G. FLEISCHMANN & C.C. GILL. 1969. Can. Plant Dis. Survey 49: 114-121.

1071. MCDONALD, W.C., J.W. MARTENS, J. NIELSON, G.J. GREEN, D.J. SAMBORSKI, G. FLEISCHMANN, C.C. GILL, A.W. CHIKO & R.J. BAKER. 1971. Can. Plant Dis. Survey 51: 105-110.

1072. MCFADDEN, A.G. & J.C. SUTTON. 1975. Can. J. Plant Sci. 55: 579-586.

1073. MCINTOSH, D.L. 1960. Plant Disease Rep. 44: 262-264.

1074. MCINTOSH, D.L. 1964. Can. J. Bot. 42: 1411-1415.

1075. MCINTOSH, D.L. 1969. Plant Disease Rep. 53: 816-817.

1076. MCINTOSH, D.L. 1975. Can. Plant Dis. Survey 55: 109-116.

1077. MCINTOSH, D.L. & K. LAPINS. 1966. Can. J. Plant Sci. 46: 619-623.

1078. MCKAY, M.C.R. & B.H. MACNEILL. 1979. Can. J. Plant Path. 1: 76-78.

1079. MCKEEN, C.D. 1970. Can. Phytopath. Soc. Proc. 37: 25.

1080. MCKEEN, C.D. 1972. Can. Phytopath. Soc. Proc. 39: 35.

1081. MCKEEN, C.D. & W.B. MOUNTAIN. 1960. Can. J. Bot. 38: 789-794.

1082. MCKEEN, C.D. & W.B. MOUNTAIN. 1966. Can. Phytopath. Soc. Proc. 33: 14.

1083. MCKEEN, C.D. & W.B. MOUNTAIN. 1967. Can. J. Plant Sci. 47: 1-10.

1084. MCKEEN, C.D. & R.M. SAYRE. 1964. Can. J. Plant Sci. 44: 466-470.

1085. MCKEEN, C.D. & H.J. THORPE. 1967. Can. Phytopath. Soc. Proc. 34: 22.

1086. MCKEEN, C.D. & H.J. THORPE. 1968. Can. J. Bot. 46: 1165-1171.

1087. MCKEEN, C.D. & H.J. THORPE. 1973. Can. J. Plant Sci. 53: 615-622.

1088. MCKEEN, C.D. & R.N. WENSLEY. 1962. Can. J. Microbiol. 8: 769-784.

1089. MCKEEN, W.E. 1974. Can. Phytopath. Soc. Proc. 41: 26.

1090. MCKEEN, W.E. 1975. Can. Plant Dis. Survey 55: 12-14.

1091. MCKEEN, W.E. 1977. Can. J. Bot. 55: 12-16.

1092. MCKEEN, W.E. 1977. Can. J. Bot. 55: 44-47.

1093. MCKEEN, W.E. & J.A. TRAQUAIR. 1980. Can. J. Plant Path. 2: 42-44.

1094. MCKEEN, W.E. & R.C. ZIMMER. 1964. Can. J. Bot. 42: 665-668.

1095. MCKENZIE, D.L. & R.A.A. MORRALL. 1973. Can. Plant Dis. Survey 53: 187-190.

1096. MCKENZIE, D.L. & R.A.A. MORRALL. 1975. Can. Plant Dis. Survey 55: 1-7.

1097. MCKENZIE, D.L. & R.A.A. MORRALL. 1975. Can. Plant Dis. Survey 55: 97-100.

1098. MCMINN, R.G. & A. FUNK. 1970. Can. J. Bot. 48: 2123-2127.

1099. MCPHEE, W.J. 1980. Plant Disease 64: 847-849.

1100. MEAD, H.W. 1962. Can. J. Bot. 40: 263-271.

1101. MEAD, H.W. 1963. Can. J. Bot. 41: 312-314.

1102. MEAD, H.W. & M.W. CORMACK. 1961. Can. J. Bot. 39: 793-797.

1103. MEDERICK, F.M. & W.E. SACKSTON. 1970. Phytoprotection 51: 36-45.

1104. MEDERICK, F.M. & W.E. SACKSTON. 1972. Can. J. Plant Sci. 52: 551-557.
1105. MEHRAN, A.R. & R. POMERLEAU. 1966. Naturaliste Can. 93: 351-353.
1106. METCALFE, D.R. 1962. Can. J. Plant Sci. 42: 176-189.
1107. METCALFE, D.R., V.M. BENDELOW & W.H. JOHNSTON. 1963. Can. J. Plant Sci. 43: 222-225.
1108. MILLER, O.K. 1968. Mycologia 60: 1190-1203.
1109. MILLER, O.K. 1970. Michigan Bot. 9: 17-30.
1110. MILLER, O.K. & R.L. GILBERTSON. 1969. Mycologia 61: 840-844.
1111. MILLS, J.T. 1970. Can. J. Bot. 48: 541-546.
1112. MILLS, J.T. 1980. Can. J. Plant Sci. 60: 831-839.
1113. MILLS, J.T. & G.J. BOLLEN. 1976. Can. J. Bot. 54: 2893-2902.
1114. MILLS, J.T. & Ch. FRYDMAN. 1980. Can. Plant Dis. Survey 60: 1-7.
1115. MILLS, J.T. & A. TEKARIZ. 1974. Can. Plant Dis. Survey 54: 65-70.
1116. MILLS, J.T. & K. SCHREIBER. 1970. Can. Plant Dis. Survey 50: 80-83.
1117. MILLS, J.T. & H.A.H. WALLACE. 1968. Can. J. Plant Sci. 48: 587-594.
1118. MILLS, J.T. & H.A.H. WALLACE. 1969. Can. J. Plant Sci. 49: 543-548.
1119. MILLS, J.T. & H.A.H. WALLACE. 1971. Can. Plant Dis. Survey 51: 154-158.
1120. MINTER, D.W. 1980. Can. J. Bot. 58: 906-917.
1121. MOLLER, W.J., A.J. BRAUN, J.K. UYEMOTO & A.N. KASIMATIS. 1977. Plant Disease Rep. 61: 422-423.
1122. MOLNAR, A.C. 1961. Plant Disease Rep. 45: 854-855.
1123. MOLNAR, A.C. 1965. Can. J. Bot. 43: 563-570.
1124. MOLNAR, A.C. & R.G. MCMINN. 1960. Forestry Chronicle 36: 50.
1125. MOLNAR, A.C. & B. SIVAK. 1964. Can. J. Bot. 42: 145-158.
1126. MOORE, R.T. & S.P. MEYERS. 1962. Can. J. Microbiol. 8: 407-416.
1127. MORGAN-JONES, G. 1971. Can. J. Bot. 49: 993-1009.
1128. MORGAN-JONES, G. 1971. Can. J. Bot. 49: 1011-1013.
1129. MORGAN-JONES, G. 1971. Can. J. Bot. 49: 1363-1365.
1130. MORGAN-JONES, G. 1974. Can. J. Bot. 52: 2575-2579.
1131. MORGAN-JONES, J.F. & R.L. HULTON. 1977. Can. J. Bot. 55: 2605-2612.
1132. MORGAN-JONES, J.F. & R.L. HULTON. 1979. Mycologia 71: 1043-1052.
1133. MORRALL, R.A.A. 1977. Can. J. Bot. 55: 8-11.
1134. MORRALL, R.A.A. & J. DUECK. 1979. Can. Phytopath. Soc. Proc. 46: 65.
1135. MORRALL, R.A.A. & D.L. MCKENZIE. 1974. Plant Disease Rep. 58: 342-345.
1136. MORRALL, R.A.A. & D.L. MCKENZIE. 1975. Can. Plant Dis. Survey 55: 69-72.
1137. MORRALL, R.A.A. & D.L. MCKENZIE. 1977. Can. J. Plant Sci. 57: 281-283.
1138. MORRALL, R.A.A., L.J. DUCZEK & J.W. SHEARD. 1972. Can. J. Bot. 50: 767-786.
1139. MORRALL, R.A.A., D.L. MCKENZIE, L.J. DUCZEK & P.R. VERMA. 1972. Can. Plant Dis. Survey 52: 143-148.
1140. MORRALL, R.A.A., J. DUECK, D.L. MCKENZIE & D.C. MCGEE. 1976. Can. Plant Dis. Survey 56: 56-62.
1141. MORRALL, R.A.A., J.W. SHEPPARD & J.D. BISSETT. 1979. Can. Phytopath. Soc. Proc. 46: 65.
1142. MORRISON, D.J. 1969. Can. J. Bot. 47: 1605-1610.
1143. MORRISON, D.J. & A.L.S. JOHNSON. 1970. Forestry Chronicle 46: 200-202.
1144. MORRISON, D.J. & A.L.S. JOHNSON. 1978. Can. J. Forest Res. 8: 177-180.
1145. MORTIMORE, C.G. & L.F. GATES. 1969. Can. J. Plant Sci. 49: 723-729.
1146. MORTIMORE, C.G. & L.F. GATES. 1972. Can. Plant Dis. Survey 52: 93-96.
1147. MORTIMORE, C.G. & R.E. WALL. 1965. Can. J. Plant Sci. 45: 487-492.
1148. MORTON, F.J. & G. SMITH. 1963. Commonw. Mycol. Inst., England, Mycol. Paper 86.
1149. MOUNCE, I. 1927. *In*: H.T. Gussow ed., Report of the Dominion Botanist for the year 1926. Can. Dept. Agr., Ottawa. pp. 20-24.
1150. MOUNCE, I. 1929. *In*: H.T. Gussow ed., Report of the Dominion Botanist for the year 1927. Can. Dept. Agr., Ottawa. pp. 41-44.
1151. MOUNCE, I. 1930. *In*: H.T. Gussow ed., Report of the Dominion Botanist for the year 1928. Can. Dept. Agr., Ottawa. pp. 40-44.
1152. MOUNCE, I. 1931. *In*: H.T. Gussow ed., Report of the Dominion Botanist for the year 1929. Can. Dept. Agr., Ottawa. pp. 32-34.
1153. MOUNCE, I., R. MACRAE & M.K. NOBLES. 1938. *In*: H.T. Gussow ed., Progress Report of the Dominion Botanist for the years 1935 to 1937 inclusive. Can. Dept. Agr., Ottawa. p. 71.
1154. MOUNTAIN, W.B. & C.D. MCKEEN. 1965. Can. J. Bot. 43: 619-624.
1155. MUIR, J.A. 1967. Plant Disease Rep. 51: 798-799.
1156. MUIR, J.A. 1972. Can. J. Forest Res. 2: 413-416.
1157. MUIR, J.A. 1977. Can. J. Forest Res. 7: 579-583.

1158. MUIR, J.A. 1977. Can. J. Forest Res. 7: 589-594.
1159. MUELLER, E. & R.A. SHOEMAKER. 1965. Can. J. Bot. 43: 1343-1345.
1160. MUNRO, D.D. 1971. Can. J. Forest Res. 1: 32-34.
1161. NAG RAJ, T.R. 1973. Can. J. Bot. 51: 2463-2472.
1162. NAG RAJ, T.R. 1976. Can. J. Bot. 54: 1370-1376.
1163. NAG RAJ, T.R. 1979. Can. J. Bot. 57: 2489-2496.
1164. NAG RAJ, T.R. & G. MORGAN-JONES. 1973. Can. J. Bot. 51: 565-569.
1165. NAG RAJ, T.R. & W.B. KENDRICK. 1975. A monograph of *Chalara* and allied genera. Wilfrid Laurier University Press, Ont.
1166. NAIK, D.M. & L.V. BUSCH. 1978. Can. J. Bot. 56: 1113-1117.
1167. NAIK, D.M., L.V. BUSCH & G.L. BARRON. 1978. Can. J. Plant Sci. 58: 1095-1097.
1168. NANNFELDT, J.A. 1977. Bot. Notiser 130: 351-375.
1169. NANNFELDT, J.A. 1979. Symb. Bot. Upsal. 22(3): 1-41.
1170. NANNFELDT, J.A. 1981. Symb. Bot. Upsal. 23(2): 1-72.
1171. NANNFELDT, J.A. & B. LINDEBERG. 1965. Svensk Bot. Tidskr. 59: 189-210.
1172. NETOLITZKY, H. & N. COLOTELO. 1965. Can. J. Bot. 43: 615-616.
1173. NETOLITZKY, H.J. & N. COLOTELO. 1965. Mycologia 57: 977-979.
1174. NETOLITZKY, H.J. & W.P. SKOROPAD. 1971. Can. J. Plant Sci. 51: 49-51.
1175. NEUHAUSER, K.S. & R.L. GILBERTSON. 1971. Mycologia 63: 722-735.
1176. NIELSEN, J. 1969. Plant Disease Rep. 53: 393-395.
1177. NIELSEN, J. 1972. Can. Plant Dis. Survey 52: 56-57.
1178. NIELSEN, J. 1977. Can. J. Plant Sci. 57: 611-612.
1179. NIEMELÄ, T. 1980. Karstenia 20: 1-15.
1180. NOBLES, M.K. 1953. Can. J. Bot. 31: 748.
1181. NOBLES, M.K. & B.P. FREW. 1962. Can. J. Bot. 40: 987-1016.
1182. NORTHOVER, J. 1975. Plant Disease Rep. 59: 357-360.
1183. NORTHOVER, J. 1978. Plant Disease Rep. 62: 706-709.
1184. NOVIELLO, C. 1963. Can. Plant Dis. Survey 43: 163-165.
1185. NOVIELLO, C. 1963. Can. Plant Dis. Survey 43: 215-216.
1186. NOVIELLO, C. & R.J. LEDINGHAM. 1965. Can. J. Bot. 43: 537-544.
1187. OBERWINKLER, F. & R. BANDONI. 1981. Can. J. Bot. 59: 1034-1040.
1188. OHENOJA, E. 1972. The Musk-ox. No. 10. p. 67.
1189. OLCHOWECKI, A. & H.J. BRODIE. 1968. Can. J. Bot. 46: 1423-1429.
1190. OLCHOWECKI. A. & J. REID. 1974. Can. J. Bot. 52: 1675-1711.
1191. OLIVER, D.M. & D.K. HOSFORD. 1979. Mycotaxon 9: 277-284.
1192. OLSEN, O.A. 1961. Can. Plant Dis. Survey 41: 148-155.
1193. OLSEN, O.A. 1964. Can. Phytopath. Soc. Proc. 31: 14.
1194. ORLOB, G.B. 1960. Can. Plant Dis. Survey 40: 66-71.
1195. ORLOB, G.B. 1960. Can. Plant Dis. Survey 40: 78-86.
1196. ORLOB, G.B. & R.H.E. BRADLEY. 1960. Can. Plant Dis. Survey 40: 92-97.
1197. ORMROD, D.J. 1976. Can. Plant Dis. Survey 56: 69-72.
1198. ORMROD, D.J. 1977. Can. Phytopath. Soc. Proc. 44: 43.
1199. ORMROD, D.J. & J.F. CONROY. 1970. Can. Plant Dis. Survey 50: 110-111.
1200. ORMROD, D.J. & W.D. CHRISTIE. 1972. Plant Disease Rep. 56: 53-55.
1201. ORMROD, D.J., E.C. HUGHES & R.A. SHOEMAKER. 1970. Can. Plant Dis. Survey 50: 111-112.
1202. ORMROD, D.J., T.A. SWANSON & G.N. SMITH. 1977. Can. Plant Dis. Survey 57: 49-51.
1203. ORR, G.F. 1977. Mycotaxon 6: 33-42.
1204. OUELLET, C.E. & R. POMERLEAU. 1965. Can. J. Bot. 43: 85-96.
1205. OUELLETTE, G.B. 1965. Plant Disease Rep. 49: 909.
1206. OUELLETTE, G.B. 1966. Can. J. Bot. 44: 1117-1120.
1207. OUELLETTE, G.B. 1966. Mycologia 58: 322-325.
1208. OUELLETTE, G.B. 1966. Phytoprotection 47: 147-148.
1209. OUELLETTE, G.B. 1967. Phytoprotection 48: 82-85.
1210. OUELLETTE, G.B. 1967. Phytoprotection 48: 86-91.
1211. OUELLETTE, G.B. 1967. Phytoprotection 48: 101-106.
1212. OUELLETTE, G.B. 1970. Phytoprotection 51: 151-152.
1213. OUELLETTE, G.B. 1972. Phytoprotection 53: 48.
1214. OUELLETTE, G.B. 1980. Phytoprotection 61: 118.
1215. OUELLETTE, G.B. & G. BARD. 1966. Phytoprotection 47: 147.
1216. OUELLETTE, G.B. & G. BARD. 1966. Plant Disease Rep. 50: 722-724.
1217. OUELLETTE, G.B. & R. CAUCHON. 1972. Mycologia 64: 649-654.
1218. OUELLETTE, G.B. & F. COTE. 1968. Phytoprotection 49: 135-136.
1219. OUELLETTE, G.B. & E. GAGNON. 1960. Can. J. Bot. 38: 235-241.
1220. OUELLETTE, G.B. & L.P. MAGASI. 1966. Mycologia 58: 275-280.
1221. OUELLETTE, G.B. & K.A. PIROZYNSKI. 1974. Can. J. Bot. 52: 1889-1911.
1222. OUELLETTE, G.B., G. BARD & R. CAUCHON. 1971. Phytoprotection 52: 119-124.

1223. OUELLETTE, G.B., J.M. CONWAY & G. BARD. 1965. Forestry Chronicle 41: 444-453.

1224. PADEN, J.W. & E.E. TYLUKI. 1968. Mycologia 60: 1160-1168.

1225. PADEN, J.W., J.R. SUTHERLAND & T.A.D. WOODS. 1978. Can. J. Bot. 56: 2375-1379.

1226. PARADIS, R.O. 1979. Phytoprotection 60: 69-78.

1227. PARK, J.Y. 1970. Can. J. Bot. 48: 1339-1341.

1228. PARK, J.Y. 1971. Can. J. Bot. 49: 95-97.

1229. PARK, J.Y. 1971. Can. J. Bot. 49: 1291-1292.

1230. PARK, J.Y. & B. MOORE. 1971. Mycologia 63: 403-405.

1231. PARKER, A.K. 1970. Can. J. Bot. 48: 837-838.

1232. PARKER, A.K. & D.G. COLLIS. 1966. Forestry Chronicle 42: 160-161.

1233. PARKER, A.K. & A.L.S. JOHNSON. 1960. Forestry Chronicle 36: 30-45.

1234. PARKER, A.K. & J. REID. 1969. Can. J. Bot. 47: 1533-1545.

1235. PARMASTO, E., F. KOTLABA & Z. POUZAR. 1980. Ceska Mykol. 34: 208-213.

1236. PARMELEE, J.A. 1960. Can. Dept. Agr., Ottawa. Publ. 1080.

1237. PARMELEE, J.A. 1962. Can. J. Bot. 40: 491-510.

1238. PARMELEE, J.A. 1963. Mycologia 55: 133-141.

1239. PARMELEE, J.A. 1963. Mycological studies in 1961. *In*: F. Muller et al., Axel Heiberg Island Research Reports, Preliminary Report 1961-1962, McGill University, Montréal. pp. 173-181.

1240. PARMELEE, J.A. 1965. Can. J. Bot. 43: 239-267.

1241. PARMELEE, J.A. 1967. Can. J. Bot. 45: 2267-2327.

1242. PARMELEE, J.A. 1968. Can. Plant Dis. Survey 48: 150-151.

1243. PARMELEE, J.A. 1968. Fungi in the Canadian Arctic. *In*: Can. Dept. Indian Affairs No. Develop. "North" magazine, March-April issue.

1244. PARMELEE, J.A. 1969. Can. Field-Nat. 83: 48-53.

1245. PARMELEE, J.A. 1969. Can. J. Bot. 47: 1391-1402.

1246. PARMELEE, J.A. 1969. Mycologia 61: 401-404.

1247. PARMELEE, J.A. 1971. Can. J. Bot. 49: 903-926.

1248. PARMELEE, J.A. 1971. Can. Plant Dis. Survey 51: 91-92.

1249. PARMELEE, J.A. 1972. Can. J. Bot. 50: 1457-1459.

1250. PARMELEE, J.A. 1973. Can. Plant Dis. Survey 53: 147-148.

1251. PARMELEE, J.A. 1974. Fungi Canadenses No. 28, National Mycological Herbarium, Agriculture Canada, Ottawa.

1252. PARMELEE, J.A. 1974. Fungi Canadenses No. 33, National Mycological Herbarium, Agriculture Canada, Ottawa.

1253. PARMELEE, J.A. 1974. Fungi Canadenses No. 43, National Mycological Herbarium, Agriculture Canada, Ottawa.

1254. PARMELEE, J.A. 1975. Fungi Canadenses No. 63, National Mycological Herbarium, Agriculture Canada, Ottawa.

1255. PARMELEE, J.A. 1975. Fungi Canadenses No. 71 National Mycological Herbarium, Agriculture Canada, Ottawa.

1256. PARMELEE, J.A. 1976. Fungi Canadenses No. 89, National Mycological Herbarium, Agriculture Canada, Ottawa.

1257. PARMELEE, J.A. 1977. Can. J. Bot. 55: 1940-1983.

1258. PARMELEE, J.A. 1977. Fungi Canadenses No. 95, National Mycological Herbarium, Agriculture Canada, Ottawa.

1259. PARMELEE, J.A. 1977. Fungi Canadenses No. 97, National Mycological Herbarium, Agriculture Canada, Ottawa.

1260. PARMELEE, J.A. 1977. Fungi Canadenses No. 98, National Mycological Herbarium, Agriculture Canada, Ottawa.

1261. PARMELEE, J.A. 1977. Fungi Canadenses No. 99, National Mycological Herbarium, Agriculture Canada, Ottawa.

1262. PARMELEE, J.A. 1978. Fungi Canadenses No. 115, National Mycological Herbarium, Agriculture Canada, Ottawa.

1263. PARMELEE, J.A. 1978. Fungi Canadenses No. 116, National Mycological Herbarium, Agriculture Canada, Ottawa.

1264. PARMELEE, J.A. 1978. Fungi Canadenses No. 117, National Mycological Herbarium, Agriculture Canada, Ottawa.

1265. PARMELEE, J.A. 1978. Fungi Canadenses No. 118, National Mycological Herbarium, Agriculture Canada, Ottawa.

1266. PARMELEE, J.A. 1978. Fungi Canadenses No. 119, National Mycological Herbarium, Agriculture Canada, Ottawa.

1267. PARMELEE, J.A. 1979. Fungi Canadenses No. 134, National Mycological Herbarium, Agriculture Canada, Ottawa.

1268. PARMELEE, J.A. 1979. Fungi Canadenses No. 135, National Mycological Herbarium, Agriculture Canada, Ottawa.

1269. PARMELEE, J.A. 1979. Fungi Canadenses No. 136, National Mycological Herbarium, Agriculture Canada, Ottawa.

1270. PARMELEE, J.A. 1979. Fungi Canadenses No. 137, National Mycological Herbarium, Agriculture Canada, Ottawa.

1271. PARMELEE, J.A. 1979. Fungi Canadenses No. 138, National Mycological Herbarium, Agriculture Canada, Ottawa.

1272. PARMELEE, J.A. 1979. Fungi Canadenses No. 139, National Mycological Herbarium, Agriculture Canada, Ottawa.

1273. PARMELEE, J.A. 1979. Fungi Canadenses No. 140, National Mycological Herbarium, Agriculture Canada, Ottawa.

1274. PARMELEE, J.A. 1980. Fungi Canadenses No. 172, National Mycological Herbarium, Agriculture Canada, Ottawa.

1275. PARMELEE, J.A. 1980. Fungi Canadenses No. 173, National Mycological Herbarium, Agriculture Canada, Ottawa.

1276. PARMELEE, J.A. 1980. Fungi Canadenses No. 182, National Mycological Herbarium, Agriculture Canada, Ottawa.

1277. PARMELEE, J.A. 1980. Fungi Canadenses No. 188, National Mycological Herbarium, Agriculture Canada, Ottawa.

1278. PARMELEE, J.A. & R. CAUCHON. 1979. Can. J. Bot. 57: 1660-1662.

1279. PARMELEE, J.A. & M. CORLETT. 1973. Rept. Tottori Mycol. Inst. (Japan) 10: 189-201.

1280. PARMELEE, J.A. & P. deCARTERET. 1977. Fungi Canadenses No. 96, National Mycological Herbarium, Agriculture Canada, Ottawa.

1281. PARMELEE, J.A. & P.M. deCARTERET. 1980. Fungi Canadenses No. 171 National Mycological Herbarium, Agriculture Canada, Ottawa.

1282. PARMELEE, J.A. & P.M. deCARTERET. 1980. Fungi Canadenses No. 186, National Mycological Herbarium, Agriculture Canada, Ottawa.

1283. PARMELEE, J.A. & P.M. deCARTERET. 1980. Fungi Canadenses No. 187, National Mycological Herbarium, Agriculture Canada, Ottawa.

1284. PARMELEE, J.A. & M.E. ELLIOTT. 1974. Fungi Canadenses No. 50, National Mycological Herbarium, Agriculture Canada, Ottawa.

1285. PARMELEE, J.A. & Y. HIRATSUKA. 1970. Can. J. Bot. 48: 1002-1004.

1286. PARMELEE, J.A. & D. MALLOCH. 1972. Mycologia 64: 922-924.

1287. PARMELEE, J.A. & D.B.O. SAVILE. 1954. Mycologia 46: 823-836.

1288. PARNIS, E.M. & W.E. SACKSTON. 1972. Phytoprotection 53: 50.

1289. PARSONS, T.R. 1962. Can. J. Bot. 40: 523-524.

1290. PATRICK, Z.A. & L.W. KOCH. 1961. Can. Plant Dis. Survey 41: 374-375.

1291. PATRICK, Z.A. & L.W. KOCH. 1963. Can. J. Bot. 41: 747-758.

1292. PATRICK, Z.A., E.A. KERR & D.L. BAILEY. 1971. Can. J. Bot. 49: 189-193.

1293. PECK, C.H. 1896. Bull. Torrey Bot. Club 23: 411-420.

1294. PELLETIER, G. 1972. Phytoprotection 53: 48-49.

1295. PELLETIER, G. & R. HALL. 1971. Can. J. Bot. 49: 1293-1297.

1296. PELLETIER, G. & R. HALL. 1971. Phytoprotection 52: 131-142.

1297. PELLETIER, G.J. 1974. Can. Phytopath. Soc. Proc. 41: 27.

1298. PELLETIER, G.J., A. COMEAU & L. COUTURE. 1974. Phytoprotection 55: 9-12.

1299. PELLETIER, R.L. & GWO-CHEN LI. 1966. Phytoprotection 47: 147.

1300. PELLETIER, R.-L. & J.K. TWUMASI. 1969. Phytoprotection 50: 124.

1301. PEPIN, H.S. & J.E. BOSHER. 1962. Can. Plant Dis. Survey 42: 159-161.

1302. PEPIN, H.S. & D.J. ORMROD. 1968. Can. Plant Dis. Survey 48: 132-133.

1303. PEPIN, H.S. & D.J. ORMROD. 1974. Plant Disease Rep. 58: 840-843.

1304. PEPIN, H.S. & H.N.W. TOMS. 1969. Can. Plant Dis. Survey 49: 105-107.

1305. PERRON, J.P. 1965. Phytoprotection 46: 61-64.

1306. PETERSEN, R.H. 1963. Bull. Torrey Bot. Club 90: 260-264.

1307. PETERSEN, R.H. 1976. Mycotaxon 3: 358-362.

1308. PETERSON, E.A. 1961. Can. J. Microbiol. 7: 1-6.

1309. PETRIE, G.A. 1973. Can. Plant Dis. Survey 53: 19-25.

1310. PETRIE, G.A. 1973. Can. Plant Dis. Survey 53: 26-28.

1311. PETRIE, G.A. 1973. Can. Plant Dis. Survey 53: 83-87.

1312. PETRIE, G.A. 1973. Can. Plant Dis. Survey 53: 88-92.

1313. PETRIE, G.A. 1974. Can. Plant Dis. Survey 54: 31-34.

1314. PETRIE, G.A. 1974. Can. Plant Dis. Survey 54: 155-165.

1315. PETRIE, G.A. 1975. Can. Plant Dis. Survey 55: 19-24.

1316. PETRIE, G.A. 1978. Can. Plant Dis. Survey 58: 15-19.

1317. PETRIE, G.A. 1978. Can. Plant Dis. Survey 58: 99-103.

1318. PETRIE, G.A. 1979. Can. J. Plant Sci. 59: 899-901.

1319. PETRIE, G.A. & T.C. VANTERPOOL. 1965. Can. Plant Dis. Survey 45: 111-112.

1320. PETRIE, G.A. & T.C. VANTERPOOL. 1966. Can. Plant Dis. Survey 46: 117-120.

1321. PETRIE, G.A. & T.C. VANTERPOOL. 1968. Can. Plant Dis. Survey 48: 25-27.

1322. PETRIE, G.A. & T.C. VANTERPOOL. 1968. Can. J. Bot. 46: 869-871.

1323. PETRIE, G.A. & T.C. VANTERPOOL. 1970. Can. Plant Dis. Survey 50: 106-107.

1324. PETRIE, G.A. & T.C. VANTERPOOL. 1974. Can. Plant Dis. Survey 54: 37-42.

1325. PETRIE, G.A. & T.C. VANTERPOOL. 1974. Can. Plant Dis. Survey 54: 119-123.

1326. PETRIE, G.A. & T.C. VANTERPOOL. 1978. Can. Plant Dis. Survey 58: 69-72.

1327. PETRIE, G.A. & T.C. VANTERPOOL. 1978. Can. Plant Dis. Survey 58: 77-79.

1328. PIELOU, E.C. & R.E. FOSTER. 1962. Can. J. Bot. 40: 1176-1179.

1329. PIENING, L.J. 1961. Can. Plant Dis. Survey 41: 299-300.

1330. PIENING, L.J. 1963. Can. J. Microbiol. 9: 479-490.

1331. PIENING, L.J. 1965. Can. Plant Dis. Survey 45: 116-117.

1332. PIENING, L.J. 1968. Can. J. Plant Sci. 48: 623-625.

1333. PIENING, L.J. 1971. Can. Plant Dis. Survey 51: 101-104.

1334. PIENING, L.J. 1972. Can. J. Plant Sci. 52: 842-843.

1335. PIENING, L.J. & M.L. KAUFMANN. 1969. Can. J. Plant Sci. 49: 731-735.

1336. PIENING, L.J., D. DEW & R. EDWARDS. 1967. Can. Plant Dis. Survey 47: 108-109.

1337. PIENING, L.J., R. EDWARDS & D. WALKER. 1969. Can. Plant Dis. Survey 49: 95-97.

1338. PIENING, L.J., T.G. ATKINSON, J.S. HORRICKS, R.J. LEDINGHAM, J.T. MILLS & R.D. TINLINE. 1976. Can. Plant Dis. Survey 56: 41-45.

1339. PILÀT, A. 1940. Studia Botanica Cechica 3(1): 1-4.

1340. PILLEY, P.G. & R.A. TRIESELMANN. 1968. Can. Forestry Service, Sault Ste. Marie. Report O-X-80.

1341. PILLEY, P.G. & R.A. TRIESELMANN. 1969. Can. Forestry Service, Sault Ste Marie. Report O-X-108.

1342. PIROZYNSKI, K.A. 1973. Fungi Canadenses No. 10, National Mycological Herbarium, Agriculture Canada, Ottawa.

1342a. PIROZYNSKI, K.A. 1973. Mycologia 65: 761-767.

1343. PIROZYNSKI, K.A. 1974. Can. J. Bot. 52: 2129-2135.

1344. PIROZYNSKI, K.A. 1974. Fungi Canadenses No. 11 National Mycological Herbarium, Agriculture Canada, Ottawa.

1345. PIROZYNSKI, K.A. 1974. Fungi Canadenses No. 12, National Mycological Herbarium, Agriculture Canada, Ottawa.

1346. PIROZYNSKI, K.A. 1974. Fungi Canadenses No. 13, National Mycological Herbarium, Agriculture Canada, Ottawa.

1347. PIROZYNSKI, K.A. 1974. Fungi Canadenses No. 14, National Mycological Herbarium, Agriculture Canada, Ottawa.

1348. PIROZYNSKI, K.A. 1974. Fungi Canadenses No. 15, National Mycological Herbarium, Agriculture Canada, Ottawa.

1349. PIROZYNSKI, K.A. 1974. Fungi Canadenses No. 21 National Mycological Herbarium, Agriculture Canada, Ottawa.

1350. PIROZYNSKI, K.A. 1974. Fungi Canadenses No. 22, National Mycological Herbarium, Agriculture Canada, Ottawa.

1351. PIROZYNSKI, K.A. 1974. Fungi Canadenses No. 23, National Mycological Herbarium, Agriculture Canada, Ottawa.

1352. PIROZYNSKI, K.A. 1975. Fungi Canadenses No. 61 National Mycological Herbarium, Agriculture Canada, Ottawa.

1353. PIROZYNSKI, K.A. 1975. Fungi Canadenses No. 62, National Mycological Herbarium, Agriculture Canada, Ottawa.

1354. PIROZYNSKI, K.A. 1975. Fungi Canadenses No. 72, National Mycological Herbarium, Agriculture Canada, Ottawa.

1355. PIROZYNSKI, K.A. 1975. Fungi Canadenses No. 73, National Mycological Herbarium, Agriculture Canada, Ottawa.

1356. PIROZYNSKI, K.A. 1975. Fungi Canadenses No. 74, National Mycological Herbarium, Agriculture Canada, Ottawa.

1357. PIROZYNSKI, K.A. 1976. Fungi Canadenses No. 81 National Mycological Herbarium, Agriculture Canada, Ottawa.

1358. PIROZYNSKI, K.A. & R.A. SHOEMAKER. 1970. Can. J. Bot. 48: 1321-1328.

1359. PIROZYNSKI, K.A. & R.A. SHOEMAKER. 1970. Can. J. Bot. 48: 2199-2203.

1360. PIROZYNSKI, K.A. & R.A. SHOEMAKER. 1971. Can. J. Bot. 49: 529-541.

1361. PIROZYNSKI, K.A. & R.A. SHOEMAKER. 1972. Can. J. Bot. 50: 1163-1164.

1362. PIROZYNSKI, K.A. & J.D. SMITH. 1972. Can. Plant Dis. Survey 52: 153-155.

1363. PITTMAN, U.J. & J.S. HORRICKS. 1972. Can. J. Plant Sci. 52: 463-470.

1364. PLATFORD, P.G. & C.C. BERNIER. 1976. Can. J. Plant Sci. 56: 51-58.

1365. PLATFORD, R.G. & C.C. BERNIER. 1973. Can. Plant Dis. Survey 53: 61.

1366. PLATFORD, R.G. & C.C. BERNIER. 1975. Can. Plant Dis. Survey 55: 75-76.

1367. PLATFORD, R.G., C.C. BERNIER & A.C. FERGUSON. 1972. Can. Plant Dis. Survey 52: 108-109.

1368. PLATFORD, R.G., H.A.H. WALLACE & C.C. BERNIER. 1974. Can. Phytopath. Soc. Proc. 41: 30.

1369. PLATT, H.W., R.A.A. MORRALL & H.E. GRUEN. 1977. Can. J. Bot. 55: 254-259.

1370. POAPST, P.A., B.A. RAMSOOMAIR & C.O. GOURLEY. 1979. Can. J. Bot. 57: 2378-2386.

1371. POLLARD, D.F.W. 1971. Can. J. Forest Res. 1: 262-266.

1372. POLUNIN, N. 1934. J. Ecology 22: 337-395.

1373. POMERLEAU, R. 1937. Annales Assoc. Can.-Française Avance. Sci. 3: 92.

1374. POMERLEAU, R. 1937. Naturaliste Can. 64: 261-289.

1375. POMERLEAU, R. 1939. Annales Assoc. Can.-Française Avance. Sci. 5: 103-104.

1376. POMERLEAU, R. 1942-43. Soc. Qué. Protection Plantes 29: 69-79.

1377. POMERLEAU, R. 1942. Liste annotée des maladies parasitaires des arbres observees dans le Québec. Qué. Min. Terres et Forêts, Bureau de Pathologie Forestière, TF-650. Mimeo.

1378. POMERLEAU, R. 1944. Can. J. Res. 22: 171-189.

1379. POMERLEAU, R. 1961. Forestry Chronicle 43: 356-367.

1380. POMERLEAU, R. 1965. Can. J. Bot. 43: 787-792.

1381. POMERLEAU, R. 1965. Can. J. Bot. 43: 1592-1595.

1382. POMERLEAU, R. 1966. Can. J. Bot. 44: 109-111.

1383. POMERLEAU, R. 1970. Can. J. Bot. 48: 2043-2057.

1384. POMERLEAU, R. 1979. Phytoprotection 60 (Suppl.): 3-9.

1385. POMERLEAU, R. 1980. Flore des champignons au Québec et régions limitrophes. Les Editions la Presse, Montréal.

1386. POMERLEAU, R. & J. BARD. 1965. Phytoprotection 46: 24-28.

1387. POMERLEAU, R. & J. BARD. 1969. Phytoprotection 50: 32-37.

1388. POMERLEAU, R. & J. BARD. 1969. Phytoprotection 50: 38-45.

1389. POMERLEAU, R. & J. BRUNEL. 1938. Naturaliste Can. 65: 5-12, 98-102, 138-140.

1390. POMERLEAU, R. & J. BRUNEL. 1939. Naturaliste Can. 66: 28-32, 90-94, 123-128, 195-196, 223-228.

1391. POMERLEAU, R. & J. BRUNEL. 1940. Naturaliste Can. 67: 24-30, 91-96, 229-232.

1392. POMERLEAU, R. & W.B. COOKE. 1964. Mycologia 56: 618-626.

1393. POMERLEAU, R. & A.R. MEHRAN. 1966. Naturaliste Can. 93: 577-582.

1394. POMERLEAU, R. & D.E. ETHERIDGE. 1961. Can. Phytopath. Soc. Proc. 28: 13.

1395. POMERLEAU, R. & D.E. ETHERIDGE. 1961. Mycologia 53: 155-170.

1396. PONTEFRACT, R.D. & J.J. MILLER. 1962. Can. J. Microbiol. 8: 573-584.

1397. POVILAITIS, B., R.J. HASLAM & P. ROBINSON. 1964. Can. J. Plant Sci. 44: 126-132.

1398. POWELL, J.M. 1966. Plant Disease Rep. 50: 144.

1399. POWELL, J.M. 1970. Can. Plant Dis. Survey 50: 130-135.

1400. POWELL, J.M. 1971. Can. J. Bot. 49: 2123-2127.

1401. POWELL, J.M. 1971. Can. Plant Dis. Survey 51: 83-85.

1402. POWELL, J.M. 1971. Can. Plant Dis. Survey 51: 86-87.

1403. POWELL, J.M. 1971. Phytoprotection 52: 45-51.

1404. POWELL, J.M. 1971. Phytoprotection 52: 104-111.

1405. POWELL, J.M. 1974. Can. J. Bot. 52: 659-667.

1406. POWELL, J.M. 1975. Plant Disease Rep. 59: 32-34.

1407. POWELL, J.M. & Y. HIRATSUKA. 1969. Can. J. Bot. 47: 1961-1963.

1408. POWELL, J.M. & Y. HIRATSUKA. 1973. Can. Plant Dis. Survey 53: 67-71.

1409. POWELL, J.M. & W. MORF. 1966. Can. J. Bot. 44: 1597-1606.

1410. POWELL, J.M. & N.W. WILKINSON. 1973. Plant Disease Rep. 57: 283.

1411. POWELL, P.E. 1973. Mycologia 65: 1356-1370.

1412. PUA, E.C., H.R. KLINCK & R.L. PELLETIER. 1978. Phytoprotection 59: 189-190.

1413. PUNITHALINGAM, E. 1979. Commonw. Mycol. Inst., England, Descriptions of Pathogenic Fungi & Bacteria 635.

1414. PUNITHALINGAM, E. 1979. Commonw. Mycol. Inst., England, Mycol. Paper 142.

1415. PUNJA, Z.K. 1979. Can. J. Plant Path. 1: 107-110.

1416. PUNJA, Z.K. & D.J. ORMROD. 1979. Can. Plant Dis. Survey 59: 22-32.

1417. PUNTER, D. 1967. Forestry Chronicle 43: 161-164.

1418. PUNTER, D. 1967. Plant Disease Rep. 51: 357.

1419. PUNTER, D. & J.D. CAFLEY. 1968. Plant Disease Rep. 52: 692.

1420. PUTT, E.D. 1965. Can. J. Plant Sci. 45: 207-208.

1421. RAMIREZ, C. & J.J. MILLER. 1962. Can. J. Microbiol. 8: 603-608.

1422. RAYMOND, F.L. & J. REID. 1961. Can. J. Bot. 39: 233-251.

1423. REDDY, M.S. & C.L. KRAMER. 1975. Mycotaxon 3: 1-50.

1424. REDHEAD, S.A. 1973. Syesis 6: 221-227.

1425. REDHEAD, S.A. 1974. Mycologia 66: 183-187.

1426. REDHEAD, S.A. 1974. Syesis 7: 235-238.
1427. REDHEAD, S.A. 1975. Can. J. Bot. 53: 700-707.
1428. REDHEAD, S.A. 1977. Can. J. Bot. 55: 307-325.
1429. REDHEAD, S.A. 1979. Fungi Canadenses No. 133, National Mycological Herbarium, Agriculture Canada, Ottawa.
1430. REDHEAD, S.A. 1979. Mycologia 71: 1248-1253.
1431. REDHEAD, S.A. 1980. Can. J. Bot. 58: 68-83.
1432. REDHEAD, S.A. 1980. Fungi Canadenses No. 165, National Mycological Herbarium, Agriculture Canada, Ottawa.
1433. REDHEAD, S.A. 1980. Fungi Canadenses No. 166, National Mycological Herbarium, Agriculture Canada, Ottawa.
1434. REDHEAD, S.A. 1980. Fungi Canadenses No. 175, National Mycological Herbarium, Agriculture Canada, Ottawa.
1435. REDHEAD, S.A. 1980. Fungi Canadenses No. 179, National Mycological Herbarium, Agriculture Canada, Ottawa.
1436. REDHEAD, S.A. & J. GINNS. 1980. Can. J. Bot. 58: 731-740.
1437. REDHEAD, S.A. & D. MALLOCH. 1980. Fungi Canadenses No. 189, National Mycological Herbarium, Agriculture Canada, Ottawa.
1438. REDHEAD, S.A. & P.W. PERRIN. 1972. Can. J. Bot. 50: 409-412.
1439. REDHEAD, S.A. & J.A. TRAQUAIR. 1981. Mycotaxon 13: 373-404.
1440. REID, J. & R.F. CAIN. 1960. Can. J. Bot. 38: 945-950.
1441. REID, J. & R.F. CAIN. 1961. Can. J. Bot. 39: 1117-1129.
1442. REID, J. & R.F. CAIN. 1962. Can. J. Bot. 40: 837-841.
1443. REID, J. & R.F. CAIN. 1962. Mycologia 54: 194-200.
1444. REID, J. & R.F. CAIN. 1962. Mycologia 54: 481-497.
1445. REID, J., B.W. DANCE & H.J. WEIR. 1963. Plant Disease Rep. 47: 216-217.
1446. REID, J. & A. FUNK. 1966. Mycologia 58: 417-439.
1447. REID, J. & K.A. PIROZYNSKI. 1966. Can. J. Bot. 44: 351-354.
1448. REID, J. & K.A. PIROZYNSKI. 1966. Can. J. Bot. 44: 645-653.
1449. REID, R.W. & D.M. SHRIMPTON. 1971. Can. J. Bot. 49: 349-351.
1450. REID, R.W., H.S. WHITNEY & J.A. WATSON. 1967. Can. J. Bot. 45: 1115-1126.
1451. REISENER, H.J., W.B. McCONNELL & G.A. LEDINGHAM. 1961. Can. J. Microbiol. 7: 865-868.
1452. REYES, A.A. 1969. Can. Plant Dis. Survey 49: 56-57.
1453. REYES, A.A. 1969. Plant Disease Rep. 53: 223-225.
1454. REYES, A.A. 1977. Plant Disease Rep. 61: 1067-1070.
1455. REYES, A.A. 1979. Can. Plant Dis. Survey 59: 1-2.
1456. REYES, A.A. 1980. Plant Disease 64: 392-393.
1457. REYES, A.A. & C.A. WARNER. 1967. Can. Plant Dis. Survey 47: 116.
1458. REYES, A.A., G.H. COMLY, L.F. MAINPRIZE, D.A. PALLET, C.A. WARNER & W.A. WILLOWS. 1968. Can. Plant Dis. Survey 48: 95-96.
1459. REYES, A.A., J.G. METCALF, J.T. WARNER & L.W. MATHESON. 1977. Can. Plant Dis. Survey 57: 13-14.
1460. REYES, A.A., J.R. CHARD, A. HIKICHI, W.E. KAYLER, K.L. PRIEST, J.R. RAINFORTH, I.D. SMITH & W.A. WILLOWS. 1968. Can. Plant Dis. Survey 48: 20-24.
1461. REYES, A.A., R.W. DANIELS, E.N. ESTABROOKS, C.C. FILMAN, L.F. MAINPRIZE, W.M. RUTHERFORD, C.A. WARNER & H.M. WEBSTER. 1968. Can. Plant Dis. Survey 48: 53-55.
1462. RICE, P.F. 1970. Can. J. Bot. 48: 719-735.
1463. RICHARD, C. 1977. Phytoprotection 58: 37-38.
1464. RICHARD, C. & C. GAGNON. 1975. Can. Plant Dis. Survey 55: 45-47.
1465. RICHARD, C. & C. GAGNON. 1976. Can. Plant Dis. Survey 56: 82-84.
1466. RICHARD, C. & C. GAGNON. 1976. Phytoprotection 57: 105-106.
1467. RICHARD, C. & C. GAGNON. 1977. Can. Plant Dis. Survey 57: 15-17.
1468. RICHARD, C. & J.-A. FORTIN. 1973. Can. J. Bot. 51: 2247-2248.
1469. RICHARD, C. & J.-A. FORTIN. 1974. Phytoprotection 55: 67-88.
1470. RICHARD, C. & M. O'C. GIUBORD. 1980. Can. J. Plant Sci. 60: 265-266.
1471. RICHARD, C. & J.-G. MARTIN. 1975. Phytoprotection 56: 167.
1472. RICHARD, C. & R. MICHAUD. 1979. Can. J. Plant Path. 1: 59-60.
1473. RICHARD, C. & C. WILLEMOT. 1979. Phytoprotection 60: 163-164.
1474. RICHARD, C., J.-A. FORTIN & A. FORTIN. 1971. Can. J. Forest Res. 1: 246-251.
1475. RICHARD, C., J. SURPRENANT & C. GAGNON. 1979. Can. Plant Dis. Survey 59: 48-50.
1476. RICHARDSON, K.S. & B.J. VAN DER KAMP. 1972. Can. J. Forest Res. 2: 313-316.
1477. RICHARDSON, L.T. 1960. Plant Disease Rep. 44: 104-108.
1478. RICHARDSON, L.T. 1972. Can. J. Plant Sci. 52: 949-953.
1479. RICHARDSON, L.T. & E.J. BOND. 1978. Can. J. Plant Sci. 58: 267-268.
1480. ROBINSON, D.B. 1961. Can. J. Plant Sci. 41: 487-492.

1481. ROBINSON, R.C. 1962. Can. J. Bot. 40: 609-614.

1482. ROBINSON-JEFFREY, R.C. 1963. Can. Phytopath. Soc. Proc. 30: 17.

1483. ROBINSON-JEFFREY, R.C. & R.W. DAVIDSON. 1968. Can. J. Bot. 46: 1523-1527.

1484. ROBINSON-JEFFREY, R.C. & A.H.H. GRINCHENKO. Can. J. Bot. 42: 527-532.

1485. ROBINSON-JEFFREY, R.C. & A.A. LOHMAN. 1963. Can. J. Bot. 41: 1371-1375.

1486. ROFF, J.W. 1973. Can. J. Forest Res. 3: 582-585.

1487. ROSS, R.G. 1964. Can. Plant Dis. Survey 44: 109-112.

1488. ROSS, R.G. & C.A. EAVES. 1971. Can. Plant Dis. Survey 51: 145-147.

1489. ROSS, R.G. & C.O. GOURLEY. 1969. Can. Plant Dis. Survey 49: 33-35.

1490. ROSS, R.G. & C.O. GOURLEY. 1973. Can. Plant Dis. Survey 53: 1-4.

1491. ROSS, R.G. & S.A. HAMLIN. 1961. Can. J. Plant Sci. 41: 499-502.

1492. ROSS, R.G. & C.L. LOCKHART. 1960. Can. Plant Dis. Survey 40: 10-14.

1493. ROSS, R.G. & D.K.R. STEWART. 1960. Can. J. Plant Sci. 40: 117-122.

1494. ROSSMAN, A.Y. 1977. Mycologia 69: 355-391.

1495. ROSSMAN, A.Y. 1979. Mycotaxon 8: 485-558.

1496. ROUATT, J.W., E.A. PETERSON & H. KATZNELSON. 1963. Can. J. Microbiol. 9: 227-236.

1497. ROYLE, D.J. & C.J. HICKMAN. 1963. Plant Disease Rep. 47: 266-268.

1498. RUSSELL, R.C. 1960. Can. Phytopath. Soc. Proc. 27: 15.

1499. RYVARDEN, L. 1972. Can. J. Bot. 50: 2073-2076.

1500. RYVARDEN, L. 1976. The Polyporaceae of North Europe. Vol. 1. Fungiflora, Oslo. 214 pp.

1501. RYVARDEN, L. & R.L. Gilbertson. 1984. Mycotaxon 19: 137-144.

1502. SACCARDO, P.A. 1912. Ann. Mycol. 10: 311-322.

1503. SACKSTON, W.E. 1960. Can. J. Bot. 38: 883-889.

1504. SACKSTON, W.E. 1960. Can. Plant Dis. Survey 40: 44.

1505. SACKSTON, W.E. 1960. Plant Disease Rep. 44: 664-668.

1506. SACKSTON, W.E. 1962. Can. J. Bot. 40: 1449-1458.

1507. SACKSTON, W.E. 1970. Can. J. Plant Sci. 50: 155-157.

1508. SACKSTON, W.E. & J.W. SHEPPARD. 1972. Can. Plant Dis. Survey 52: 72-74.

1509. SACKSTON, W.E. & B.M. CHERNICK. 1960. Can. J. Plant Sci. 40: 690-699.

1510. SAKSENA, H.K. & O. VAARTAJA. 1960. Can. J. Bot. 38: 931-943.

1511. SAKSENA, H.K. & O. VAARTAJA. 1961. Can. J. Bot. 39: 627-647.

1512. SALLANS, B.J. & R.D. TINLINE. 1965. Can. J. Plant Sci. 45: 343-351.

1513. SALLANS, B.J. & R.D. TINLINE. 1969. Can. J. Plant Sci. 49: 197-201.

1514. SALT, J.R. & C.A. ROTH. 1980. Can. Field-Nat. 94: 196.

1515. SAMBORSKI, D.J. 1963. Can. Plant Dis. Survey 43: 183-187.

1516. SAMBORSKI, D.J. 1965. Can. Plant Dis. Survey 45: 30-32.

1517. SAMBORSKI, D.J. 1966. Can. Plant Dis. Survey 46: 33-35.

1518. SAMBORSKI, D.J. 1967. Can. Plant Dis. Survey 47: 3-4.

1519. SAMBORSKI, D.J. 1968. Can. Plant Dis. Survey 48: 6-8.

1520. SAMBORSKI, D.J. 1968. Can. Plant Dis. Survey 48: 107-109.

1521. SAMBORSKI, D.J. 1969. Can. Plant Dis. Survey 49: 80-82.

1522. SAMBORSKI, D.J. 1971. Can. Plant Dis. Survey 51: 17-19.

1523. SAMBORSKI, D.J. 1972. Can. Plant Dis. Survey 52: 8-10.

1524. SAMBORSKI, D.J. 1972. Can. Plant Dis. Survey 52: 168-170.

1525. SAMBORSKI, D.J. 1974. Can. Plant Dis. Survey 54: 8-10.

1526. SAMBORSKI, D.J. 1975. Can. Plant Dis. Survey 55: 58-60.

1527. SAMBORSKI, D.J. 1976. Can. Plant Dis. Survey 56: 12-14.

1528. SAMBORSKI, D.J. 1976. Can. Plant Dis. Survey 56: 123-125.

1529. SAMBORSKI, D.J. 1978. Can. Plant Dis. Survey 58: 53-54.

1530. SAMBORSKI, D.J. 1979. Can. Plant Dis. Survey 59: 67-68.

1531. SAMBORSKI, D.J. 1980. Can. J. Plant Path. 2: 246-248.

1532. SAMBORSKI, D.J. & R.I.H. MCKENZIE. 1972. Can. Plant Dis. Survey 52: 173-174.

1533. SAMBORSKI, D.J., G.J. GREEN & G. FLEISCHMANN. 1963. Can. Plant Dis. Survey 43: 1-22.

1534. SAMPSON, G. & K.S. CLOUGH. 1979. Can. Plant Dis. Survey 59: 51-52.

1535. SAMSON, R.A. & J. MOUCHACCA. 1975. Can. J. Bot. 53: 1634-1639.

1536. SANDERSON, K.E. 1960. Can. J. Plant Sci. 40: 345-352.

1537. SANTERRE, J. 1961. Can. Plant Dis. Survey 41: 321-324.

1538. SANTERRE, J. 1961. Soc. Qué. Protection Plantes 43: 56-60.

1539. SANTERRE, J. 1963. Phytoprotection 44: 69-74.

1540. SANTERRE, J. 1966. Can. J. Plant Sci. 46: 647-652.

1541. SANTERRE, J. 1969. Can. J. Plant Sci. 49: 83-86.

1542. SAVILE, D.B.O. 1952. Can. J. Bot. 30: 410-435.

1543. SAVILE, D.B.O. 1961. Can. Field-Nat. 75: 69-71.

1544. SAVILE, D.B.O. 1961. Can. J. Bot. 39: 909-942.

1545. SAVILE, D.B.O. 1961. Mycologia 53: 31-52.

1546. SAVILE, D.B.O. 1962. Can. J. Bot. 40: 1385-1398.

1547. SAVILE, D.B.O. 1962. Mycologia 54: 321-322.

1548. SAVILE, D.B.O. 1964. Mycologia 56: 240-248.

1549. SAVILE, D.B.O. 1964. Mycologia 56: 452-453.

1550. SAVILE, D.B.O. 1965. Can. J. Bot. 43: 231-238.

1551. SAVILE, D.B.O. 1965. Can. J. Bot. 43: 571-596.

1552. SAVILE, D.B.O. 1966. Can. J. Bot. 44: 1151-1170.

1553. SAVILE, D.B.O. 1967. Can. J. Bot. 45: 1093-1103.

1554. SAVILE, D.B.O. 1968. Can. J. Bot. 46: 461-471.

1555. SAVILE, D.B.O. 1968. Can. J. Bot. 46: 631-642.

1556. SAVILE, D.B.O. 1969. Can. Plant Dis. Survey 49: 29.

1557. SAVILE, D.B.O. 1970. Can. J. Bot. 48: 1553-1566.

1558. SAVILE, D.B.O. 1970. Can. J. Bot. 48: 1567-1584.

1559. SAVILE, D.B.O. 1972. Can. J. Bot. 50: 2579-2596.

1560. SAVILE, D.B.O. 1973. Can. J. Bot. 51: 2347-2370.

1561. SAVILE, D.B.O. 1973. Rept. Tottori Mycol. Inst. (Japan) 10: 225-241.

1562. SAVILE, D.B.O. 1974. Can. J. Bot. 52: 341-343.

1563. SAVILE, D.B.O. 1974. Can. J. Bot. 52: 1501-1507.

1564. SAVILE, D.B.O. 1974. Fungi Canadenses No. 18, National Mycological Herbarium, Agriculture Canada, Ottawa.

1565. SAVILE, D.B.O. 1974. Fungi Canadenses No. 19, National Mycological Herbarium, Agriculture Canada, Ottawa.

1566. SAVILE, D.B.O. 1974. Fungi Canadenses No. 41 National Mycological Herbarium, Agriculture Canada, Ottawa.

1567. SAVILE, D.B.O. 1974. Fungi Canadenses No. 46, National Mycological Herbarium, Agriculture Canada, Ottawa. S380.

1568. SAVILE, D.B.O. 1974. Fungi Canadenses No. 47, National Mycological Herbarium, Agriculture Canada, Ottawa.

1569. SAVILE, D.B.O. 1974. Fungi Canadenses No. 54, National Mycological Herbarium, Agriculture Canada, Ottawa.

1570. SAVILE, D.B.O. 1974. Fungi Canadenses No. 56, National Mycological Herbarium, Agriculture Canada, Ottawa.

1571. SAVILE, D.B.O. 1975. Fungi Canadenses No. 64, National Mycological Herbarium, Agriculture Canada, Ottawa.

1572. SAVILE, D.B.O. 1975. Fungi Canadenses No. 75, National Mycological Herbarium, Agriculture Canada, Ottawa.

1573. SAVILE, D.B.O. 1975. Fungi Canadenses No. 77, National Mycological Herbarium, Agriculture Canada, Ottawa.

1574. SAVILE, D.B.O. 1975. Fungi Canadenses No. 78, National Mycological Herbarium, Agriculture Canada, Ottawa.

1575. SAVILE, D.B.O. 1975. Fungi Canadenses No. 79, National Mycological Herbarium, Agriculture Canada, Ottawa.

1576. SAVILE, D.B.O. 1975. Fungi Canadenses No. 80, National Mycological Herbarium, Agriculture Canada, Ottawa.

1577. SAVILE, D.B.O. 1975. Mycologia 67: 273-279.

1578. SAVILE, D.B.O. 1976. Can. J. Bot. 54: 971-975.

1579. SAVILE, D.B.O. 1976. Can. J. Bot. 54: 1690-1696.

1580. SAVILE, D.B.O. 1976. Can. J. Bot. 54: 1977-1978.

1581. SAVILE, D.B.O. 1977. Fungi Canadenses No. 110, National Mycological Herbarium, Agriculture Canada, Ottawa.

1582. SAVILE, D.B.O. 1978. Fungi Canadenses No. 111 National Mycological Herbarium, Agriculture Canada, Ottawa.

1583. SAVILE, D.B.O. 1978. Fungi Canadenses No. 112, National Mycological Herbarium, Agriculture Canada, Ottawa.

1584. SAVILE, D.B.O. 1979. Fungi Canadenses No. 141 National Mycological Herbarium, Agriculture Canada, Ottawa.

1585. SAVILE, D.B.O. 1983. Fungi Canadenses No. 250, National Mycological Herbarium, Agriculture Canada, Ottawa.

1586. SAVILE, D.B.O. & J.A. PARMELEE. 1964. Can. J. Bot. 42: 699-722.

1587. SAVILE, D.B.O. & J.A. PARMELEE. 1974. Fungi Canadenses No. 24, National Mycological Herbarium, Agriculture Canada, Ottawa.

1588. SAVILE, D.B.O. & J.A. PARMELEE. 1974. Fungi Canadenses No. 25, National Mycological Herbarium, Agriculture Canada, Ottawa.

1589. SAVILE, D.B.O. & J.A. PARMELEE. 1974. Fungi Canadenses No. 26, National Mycological Herbarium, Agriculture Canada, Ottawa.

1590. SCHUMACHER, T. 1978. Norw. J. Bot. 25: 145-155.

1591. SCHUMACHER, T. 1979. Mycotaxon 8: 125-126.

1592. SEAMAN, W.L. 1963. Can. Plant Dis. Survey 43: 208-209.

1593. SEAMAN, W.L. 1967. Can. Plant Dis. Survey 47: 79-80.

1594. SEAMAN, W.L. 1970. Can. Plant Dis. Survey 50: 1-45.

1595. SEAMAN, W.L. 1970. Can. Plant Dis. Survey 50: 48-57.

1596. SEAMAN, W.L. & R.A. SHOEMAKER. 1964. Plant Disease Rep. 48: 69.

1597. SEAMAN, W.L. & V.R. WALLEN. 1962. Can. Phytopath. Soc. Proc. 29: 16.

1598. SEAMAN, W.L., R.J. LEDINGHAM & F.R. HARPER. 1974. Can. Phytopath. Soc. Proc. 41: 31.

1599. SEAMAN, W.L., R.A. SHOEMAKER & E.A. PETERSON. 1965. Can. J. Bot. 43: 1461-1469.

1600. SEDUN, F. 1980. Phytoprotection 61: 117.

1601. SEIFERT, K.A. 1979. Mycotaxon 10: 233-240.

1602. SEMENIUK, G. & A.W. HENRY. 1960. Can. J. Plant Sci. 40: 288-294.

1603. SHAFFER, R.L. 1972. Mycologia 64: 1008-1053.

1604. SHEPPARD, J.W. 1979. Can. Plant Dis. Survey 59: 60.

1605. SHEPPARD, J.W. & J.N. NEEDHAM. 1980. Can. J. Plant Path. 2: 159-162.

1606. SHEPPARD, J.W. & J.F. PETERSON. 1976. Can. J. Plant Sci. 56: 157-160.

1607. SHEPPARD, J.W. & M.A. VISWANATHAN. 1974. Can. Plant Dis. Survey 54: 57-60.

1608. SHERWOOD, M.A. 1977. Mycotaxon 5: 1-277.

1609. SHERWOOD, M.A. 1980. Occasional Papers Farlow Herbarium No. 15, Harvard Univ., Cambridge, Mass.

1610. SHIELDS, J.K. 1969. Mycologia 61: 1165-1168.

1611. SHOEMAKER, R.A. 1962. Can. J. Bot. 40: 809-836.

1612. SHOEMAKER, R.A. 1963. Can. J. Bot. 41: 1419-1423.

1613. SHOEMAKER, R.A. 1964. Can. J. Bot. 42: 411-421.

1614. SHOEMAKER, R.A. 1964. Can. J. Bot. 42: 1297-1301.

1615. SHOEMAKER, R.A. 1965. Can. J. Bot. 43: 631-639.

1616. SHOEMAKER, R.A. 1966. Can. J. Bot. 44: 255-258.

1617. SHOEMAKER, R.A. 1966. Can. J. Bot. 44: 1451-1456.

1618. SHOEMAKER, R.A. 1968. Can. J. Bot. 46: 1143-1150.

1619. SHOEMAKER, R.A. 1974. Fungi Canadenses No. 37, National Mycological Herbarium, Agriculture Canada, Ottawa.

1620. SHOEMAKER, R.A. 1976. Can. J. Bot. 54: 2365-2404.

1621. SHOEMAKER, R.A. & O. ERIKSSON. 1967. Can. J. Bot. 45: 1605-1608.

1622. SHOEMAKER, R.A. & E.G. KOKKO. 1975. Fungi Canadenses No. 65, National Mycological Herbarium, Agriculture Canada, Ottawa.

1623. SHOEMAKER, R.A. & E.G. KOKKO. 1977. Fungi Canadenses No. 100, National Mycological Herbarium, Agriculture Canada, Ottawa.

1624. SHOEMAKER, R.A. & E.G. KOKKO. 1977. Fungi Canadenses No. 101 National Mycological Herbarium, Agriculture Canada, Ottawa.

1625. SHOEMAKER, R.A. & E.G. KOKKO. 1977. Fungi Canadenses No. 103, National Mycological Herbarium, Agriculture Canada, Ottawa.

1626. SHOEMAKER, R.A. & E.G. KOKKO. 1977. Fungi Canadenses No. 104, National Mycological Herbarium, Agriculture Canada, Ottawa.

1627. SHOEMAKER, R.A. & E.G. KOKKO. 1977. Fungi Canadenses No. 105, National Mycological Herbarium, Agriculture Canada, Ottawa.

1628. SHOEMAKER, R.A. & E.G. KOKKO. 1977. Fungi Canadenses No. 106, National Mycological Herbarium, Agriculture Canada, Ottawa.

1629. SHOEMAKER, R.A. & E. MULLER. 1964. Can. J. Bot. 42: 403-410.

1630. SHOEMAKER, R.A., K.N. EGGER & E.G. KOKKO. 1980. Fungi Canadenses No. 190, National Mycological Herbarium, Agriculture Canada, Ottawa.

1631. SHOEMAKER, R.A., P.M. LECLAIR & J.D. SMITH. 1974. Can. J. Bot. 52: 2415-2421.

1632. SHRIMPTON, D.M. 1973. Can. J. Bot. 51: 1155-1160.

1633. SHRIMPTON, D.M. & J.A. WATSON. 1971. Can. J. Bot. 49: 373-375.

1634. SIEGLE, H. 1967. Can. J. Bot. 45: 147-154.

1635. SIGLER, L. & J.W. CARMICHAEL. 1976. Mycotaxon 4: 349-488.

1636. SIGLER, L., A. TSUNEDA & J. CARMICHAEL. 1981. Mycotaxon 12: 449-467.

1637. SILVERBERG, B.A. & J.F. MORGAN-JONES. 1974. Can. J. Bot. 52: 1993-1995.

1638. SIMARD, J. 1962. Can. Plant Dis. Survey 42: 103-106.

1639. SIMARD, J., R. CRETE & T. SIMARD. 1960. Can. Plant Dis. Survey 40: 72-74.

1640. SIMARD, J., R. CRETE & T. SIMARD. 1961. Can. Plant Dis. Survey 41: 353-356.

1641. SIMARD, J., R. CRETE & T. SIMARD. 1962. Can. Plant Dis. Survey 42: 216-219.

1642. SIMARD, T. 1960. Can. Plant Dis. Survey 40: 104-106.

1643. SIMARD, T. 1961. Can. Plant Dis. Survey 41: 310-313.

1644. SIMARD, T. 1962. Can. Plant Dis. Survey 42: 220-223.

1645. SIMARD, T. 1965. Phytoprotection 46: 35-39.

1646. SIMARD, T. 1966. Phytoprotection 47: 61-65.

1647. SIMARD, T. & R. CRETE. 1965. Can. Plant Dis. Survey 45: 113-115.

1648. SIMARD, T. & J. SIMARD. 1961. Can. Plant Dis. Survey 41: 314-316.
1649. SIMARD, T. & J. SIMARD. 1962. Can. Plant Dis. Survey 42: 224-228.
1650. SIMARD, T. & J. SIMARD. 1963. Phytoprotection 44: 47-49.
1651. SIMARD, T., R. CRETE & J. SIMARD. 1965. Can. Plant Dis. Survey 45: 96-99.
1652. SIMARD, T., R. CRETE & L. TARTIER. 1966. Can. Plant Dis. Survey 46: 129-130.
1653. SIMARD, T., R. CRETE & L. TARTIER. 1968. Can. Plant Dis. Survey 48: 124-127.
1654. SIMARD, T., R. CRETE & L. TARTIER. 1968. Phytoprotection 49: 49-54.
1655. SIMMONDS, P.M. 1960. Can. J. Plant Sci. 40: 139-145.
1656. SIMMONS, E.G. 1967. Mycologia 59: 67-92.
1657. SIMMONS, E.G. 1971. Mycologia 63: 380-386.
1658. SINGER, R. & A.H. SMITH. 1946. Mycologia 38: 500-523.
1659. SINGH, P. 1969. Can. Forestry Service, St. John's. Report N-X-31.
1660. SINGH, P. 1974. Can. Forestry Service, St. John's. Report N-X-123.
1661. SINGH, P. & G.C. CAREW. 1973. Can. Forestry Service, St. John's. Report N-X-87.
1662. SINGH, P. & G.C. CAREW. 1980. Can. Plant Dis. Survey 60: 21-22.
1663. SINGH, P. & J. RICHARDSON. 1973. Forestry Chronicle 49: 180-182.
1664. SINGH, P., C.E. DORWORTH & D.D. SKILLING. 1980. Plant Disease 64: 1117-1118.
1665. SINHA, R.N. & H.A.H. WALLACE. 1965. Can. J. Plant Sci. 45: 48-59.
1666. SIVANESAN, A. 1971. Commonw. Mycol. Inst., England, Mycol. Paper 127.
1667. SKOROPAD, W.P. 1963. Can. Phytopath. Soc. Proc. 30: 18.
1668. SKOROPAD, W.P. 1966. Can. J. Plant Sci. 46: 243-247.
1669. SKOROPAD, W.P. & J.P. TEWARI. 1977. Can. J. Plant Sci. 57: 1001-1003.
1670. SLYKHUIS, J.T. & D.J.S. BARR. 1978. Phytopathology 68: 639-643.
1671. SMALL, L.W. & R.-L. PELLETIER. 1970. Phytoprotection 51: 151.
1672. SMERLIS, E. 1961. Forestry Chronicle 37: 109-115.
1673. SMERLIS, E. 1962. Can. J. Bot. 40: 351-359.
1674. SMERLIS, E. 1966. Can. J. Bot. 44: 563-565.
1675. SMERLIS, E. 1967. Can. J. Bot. 45: 1715-1717.
1676. SMERLIS, E. 1967. Plant Disease Rep. 51: 584-585.
1677. SMERLIS, E. 1967. Plant Disease Rep. 51: 678-679.
1678. SMERLIS, E. 1968. Can. J. Bot. 46: 597-599.
1679. SMERLIS, E. 1968. Can. J. Bot. 46: 1329-1330.
1680. SMERLIS, E. 1968. Plant Disease Rep. 52: 167-168.
1681. SMERLIS, E. 1968. Plant Disease Rep. 52: 403-404.
1682. SMERLIS, E. 1968. Plant Disease Rep. 52: 738-739.
1683. SMERLIS, E. 1969. Can. J. Bot. 47: 213-214.
1684. SMERLIS, E. 1969. Plant Disease Rep. 53: 807-810.
1685. SMERLIS, E. 1969. Plant Disease Rep. 53: 979-983.
1686. SMERLIS, E. 1970. Can. J. Bot. 48: 1613-1615.
1687. SMERLIS, E. 1970. Can. J. Bot. 48: 1899-1901.
1688. SMERLIS, E. 1970. Phytoprotection 51: 47-51.
1689. SMERLIS, E. 1971. Phytoprotection 52: 28-31.
1690. SMERLIS, E. 1973. Can. J. Forest Res. 3: 7-16.
1691. SMERLIS, E. & M. SAINT-LAURENT. 1966. Can. J. Bot. 44: 361.
1692. SMERLIS, E. & M. SAINT-LAURENT. 1966. Plant Disease Rep. 50: 356-357.
1693. SMITH, A.H. & L.R. HESLER. 1946. J. Elisha Mitchell Sci. Soc. 62: 177-200.
1694. SMITH, J.D. 1965. Can. Plant Dis. Survey 45: 118-119.
1695. SMITH, J.D. 1966. Can. Plant Dis. Survey 46: 123-125.
1696. SMITH, J.D. 1967. Can. Plant Dis. Survey 47: 112-115.
1697. SMITH, J.D. 1968. Can. J. Plant Sci. 48: 329-331.
1698. SMITH, J.D. 1969. Can. J. Plant Sci. 49: 381-383.
1699. SMITH, J.D. 1969. Can. Plant Dis. Survey 49: 8-13.
1700. SMITH, J.D. 1969. Can. Plant Dis. Survey 49: 140-141.
1701. SMITH, J.D. 1970. Can. J. Plant Sci. 50: 746-747.
1702. SMITH, J.D. 1970. Can. Plant Dis. Survey 50: 95-98.
1703. SMITH, J.D. 1971. Can. J. Bot. 49: 377-381.
1704. SMITH, J.D. 1971. Plant Disease Rep. 55: 63-67.
1705. SMITH, J.D. 1972. Can. Plant Dis. Survey 52: 25-29.
1706. SMITH, J.D. 1972. Can. Plant Dis. Survey 52: 39-41.
1707. SMITH, J.D. & J.G.N. DAVIDSON. 1979. Can. J. Bot. 57: 2122-2139.
1708. SMITH, J.D. & C.R. ELLIOTT. 1970. Can. Plant Dis. Survey 50: 84-87.
1709. SMITH, J.D. & R.P. KNOWLES. 1967. Can. J. Plant Sci. 47: 679-681.
1710. SMITH, J.D. & R.P. KNOWLES. 1973. Can. J. Plant Sci. 53: 93-99.

1711. SMITH, J.D. & R.P. KNOWLES. 1974. Can. Plant Dis. Survey 54: 108-110.
1712. SMITH, J.D. & E.A. MAGINNES. 1966. Can. Plant Dis. Survey 46: 92-94.
1713. SMITH, J.D. & E.A. MAGINNES. 1969. Can. Plant Dis. Survey 49: 43-45.
1714. SMITH, J.D. & R.A. SHOEMAKER. 1974. Can. J. Bot. 52: 2061-2074.
1715. SMITH, J.D., C.R. ELLIOTT & R.A. SHOEMAKER. 1968. Can. Plant Dis. Survey 48: 115-119.
1716. SMITH, R.B. 1971. Can. J. Forest Res. 1: 35-42.
1717. SMITH, R.B. 1977. Can. J. Forest Res. 7: 632-640.
1718. SMITH, R.B. & H.M. CRAIG. 1968. Forestry Chronicle 44: 37-44.
1719. SMITH, R.B. & H.M. CRAIG. 1970. Forestry Chronicle 46: 217-220.
1720. SMITH, R.B. & E.F. WASS. 1976. Can. J. Forest Res. 6: 225-228.
1721. SMITH, R.B., H.M. CRAIG & D. CHU. 1970. Can. J. Bot. 48: 1541-1551.
1722. SMITH, R.S. 1970. Can. J. Bot. 48: 1731-1739.
1723. SMITH, R.S. & A. OFOSU-ASIEDU. 1972. Can. J. Forest Res. 2: 16-26.
1724. SOLHEIM, W.G. & G.B. CUMMINS. 1979. Mycotaxon 8: 395-401.
1725. SOPER, R.S. 1963. Can. J. Bot. 41: 875-878.
1726. SOSULSKI, F. & C.C. BERNIER. 1975. Can. Plant Dis. Survey 55: 155-157.
1727. SOWELL, G. & R.P. KORF. 1960. Mycologia 52: 934-945.
1728. SPRAGUE, R. 1960. Mycologia 52: 357-377.
1729. SPRAGUE, R. 1960. Mycologia 52: 698-718.
1730. SPRAGUE, R. 1962. Mycologia 54: 44-61.
1731. SPRAGUE, R. 1962. Mycologia 54: 593-610.
1732. STATES, J.S. 1972. Bull. Torrey Bot. Club 99: 250-251.
1733. STELFOX, D. 1966. Can. Plant Dis. Survey 46: 146.
1734. STELFOX, D. & A.W. HENRY. 1978. Can. Plant Dis. Survey 58: 87-91.
1735. STELFOX, D. & J.R. WILLIAMS. 1980. Can. Plant Dis. Survey 60: 35-36.
1736. STELFOX, D., J.R. WILLIAMS, U. SOEHNGEN & R.C. TOPPING. 1978. Plant Disease Rep. 62: 576-579.
1737. STERNER, T.E. 1975. Plant Disease Rep. 59: 638-640.
1738. STIELL, W.M. 1980. Forestry Chronicle 56: 21-27.
1739. STILLWELL, M.A. 1955. Forestry Chronicle 31: 74-83.
1740. STILLWELL, M.A. 1962. Can. Phytopath. Soc. Proc. 29: 17.
1741. STILLWELL, M.A. 1964. Can. J. Bot. 42: 495-496.
1742. STILLWELL, M.A. & D.J. KELLY. 1964. Forestry Chronicle 40: 482-487.
1743. STOLK, A.C. & R. SAMSON. 1972. Centraalbureau voor Schimmelcultures, Baarn, Netherlands, Studies in Mycol. 2.
1744. STRABY, A.E. & R.A. SHOEMAKER. 1968. Can. Plant Dis. Survey 48: 152.
1745. SURPRENANT, J. & C. RICHARD. 1978. Phytoprotection 59: 187.
1746. SURPRENANT, J. & C. RICHARD. 1979. Phytoprotection 60: 163.
1747. SURPRENANT, J., C. RICHARD, M. O'C. GUIBORD & C. GAGNON. 1980. Phytoprotection 61: 1-8.
1748. SUTHERLAND, J.R. 1967. Phytoprotection 48: 58-67.
1749. SUTHERLAND, J.R. 1979. Can. J. Forest Res. 9: 129-132.
1750. SUTHERLAND, J.R. & L.J. SLUGGETT. 1973. Can. J. Forest Res. 3: 299-303.
1751. SUTTON, B.C. 1963. Commonw. Mycol. Inst., England, Mycol. Paper 88.
1752. SUTTON, B.C. 1964. Commonw. Mycol. Inst., England, Mycol. Paper 97.
1753. SUTTON, B.C. 1967. Can. J. Bot. 45: 1249-1263.
1754. SUTTON, B.C. 1967. Can. J. Bot. 45: 1777-1781.
1755. SUTTON, B.C. 1969. Can. J. Bot. 47: 609-616.
1756. SUTTON, B.C. 1969. Can. J. Bot. 47: 853-858.
1757. SUTTON, B.C. 1969. Can. J. Bot. 47: 2083- 2094.
1758. SUTTON, B.C. 1970. Can. J. Bot. 48: 471-477.
1759. SUTTON, B.C. 1970. Trans. Brit. Mycol. Soc. 54: 255-264.
1760. SUTTON, B.C. 1973. Commonw. Mycol. Inst., England, Mycol. Paper 132.
1761. SUTTON, B.C. 1975. Ceska Mykol. 29: 97-104.
1762. SUTTON, B.C. 1975. Commonw. Mycol. Inst., England, Mycol. Paper 138.
1763. SUTTON, B.C. 1980. The Coelomycetes. Commonw. Mycol. Inst., England.
1764. SUTTON, B.C. & R.L.C. CHAO. 1970. Trans. Brit. Mycol. Soc. 55: 37-44.
1765. SUTTON, B.C. & A. FUNK. 1975. Can. J. Bot. 53: 521-526.
1766. SUTTON, B.C. & J.J. LAWRENCE. 1969. Plant Disease Rep. 53: 101-102.
1767. SUTTON, B.C. & F.G. POLLACK. 1974. Mycopath. Mycol. appl. 52: 331-351.
1768. SUTTON, B.C. & D.K. SANDHU. 1969. Can. J. Bot. 47: 745-749.
1769. SUTTON, J.C. 1972. Can. J. Plant Sci. 52: 1073-1042.
1770. SUTTON, J.C. 1973. Can. Plant Dis. Survey 53: 157-160.
1771. SUTTON, J.C., W. BALIKO & H.S. FUNNELL. 1976. Can. J. Plant Sci. 56: 7-12.
1772. SUTTON, J.C., W. BALIKO & H.J. LIU. 1980. Can. J. Plant Sci. 60: 453-461.

1773. SUTTON, J.C., A. BOOTSMA & T.J. GILLESPIE. 1972. Can. Plant Dis. Survey 52: 89-92.

1774. SUTTON, J.C., C.J. SWANTON & T.J. GILLESPIE. 1978. Can. J. Bot. 56: 2460-2469.

1775. SUTTON, M.D. & V.R. WALLEN. 1962. Can. Plant Dis. Survey 42: 258-259.

1776. SUTTON, M.D. & V.R. WALLEN. 1963. Can. Plant Dis. Survey 43: 206-207.

1777. SUTTON, M.D. & V.R. WALLEN. 1966. Can. Plant Dis. Survey 46: 143.

1778. SVEJDA, F.J. & A.T. BOLTON. 1980. Can. J. Plant Path. 2: 23-25.

1779 TABER, R.A. & T.C. VANTERPOOL. 1963. Can. Phytopath. Soc. Proc. 30: 19.

1780. TABER, W.A. 1960. Can. J. Microbiol. 6: 503-514.

1781. TABER, W.A. & L.C. VINING. 1960. Can. J. Microbiol. 6: 355-365.

1782. TAKAI, S. & E.S. KONDO. 1979. Can. J. Bot. 57: 341-352.

1783. TAKAI, S., E.S. KONDO & J.B. THOMAS. 1979. Can. J. Bot. 57: 353-359.

1784. TARTIER, L.M. & A.L. DEVAUX. 1977. Phytoprotection 58: 115-120.

1785. TARTIER, L.M. & A.L. DEVAUX. 1978. Phytoprotection 59: 186.

1786. TARTIER, L.M. & T. SIMARD. 1968. Phytoprotection 49: 136.

1787. TARTIER, L.M. & T. SIMARD. 1970. Phytoprotection 51: 150.

1788. TARTIER, L.M., R. CRETE & E.J. HOGUE. 1976. Phytoprotection 57: 116-123.

1789. TAYLOR, L.D. 1970. Can. J. Bot. 48: 81-83.

1790. TEKAUZ, A. 1976. Can. Plant Dis. Survey 56: 36-40.

1791. TEKAUZ, A. 1978. Can. Plant Dis. Survey 58: 9-11.

1792. TEKAUZ, A. & K.W. BUCHANNON. 1977. Can. J. Plant Sci. 57: 389-395.

1793. TEKAUZ, A. & A.W. CHIKO. 1980. Can. J. Plant Path. 2: 152-158.

1794. TEKAUZ, A. & J.T. MILLS. 1974. Can. J. Plant Sci. 54: 731-734.

1795. TEWARI, J.P. & W.P. SKOROPAD. 1976. Can. J. Plant Sci. 56: 781-785.

1796. TEWARI, J.P. & W.P. SKOROPAD. 1977. Can. J. Bot. 55: 2348-2357.

1797. TEWARI, J.P. & W.P. SKOROPAD. 1977. Can. Plant Dis. Survey 57: 37-41.

1798. TEWARI, J.P. & W.P. SKOROPAD. 1979. Can. J. Plant Sci. 59: 1-6.

1799. TEWARI, V.P. 1963. Mycologia 55: 595-607.

1800. THIBODEAU, P.O. & M. SIMARD. 1979. Phytoprotection 60: 170.

1801. THOMAS, G.P., D.E. ETHERIDGE & G. PAUL. 1960. Can. J. Bot. 38: 459-466.

1802. THOMAS, P.L. 1974. Can. J. Plant Sci. 54: 453-456.

1803. THOMAS, P.L. 1974. Can. Plant Dis. Survey 54: 124-128.

1804. THOMAS, P.L. 1978. Can. Plant Dis. Survey 58: 92-94.

1805. THOMAS, P.L. 1984. Can. J. Plant Path. 6: 78-80.

1806. THOMPSON, H.S. 1961. Can. J. Plant Sci. 41: 227-230.

1807. THOMPSON, H.S. 1961. Can. J. Plant Sci. 41: 268-271.

1808. THOMPSON, H.S. 1961. Can. J. Plant Sci. 41: 503-506.

1809. THOMPSON, H.S. & F.J. SVEJDA. 1965. Can. J. Plant Sci. 45: 258-263.

1810. THOMPSON, L.S. & C.B. WILLIS. 1968. Plant Disease Rep. 52: 213-214.

1811. THORPE, H.J. & W.R. JARVIS. 1978. Can. Plant Dis. Survey 58: 107.

1812. TIBELL, L. 1975. Symbol Bot. Upsal. 21(2):1-128.

1813. TILL, B.B. 1968. Can. Plant Dis. Survey 48: 37.

1814. TINLINE, R.D. 1977. Can. J. Bot. 55: 30-34.

1815. TOMS, H.N.W. 1961. Can. Plant Dis. Survey 41: 274.

1816. TOMS, H.N.W. 1964. Can. Plant Dis. Survey 44: 143-225.

1817. TOMS, H.N.W. 1966. Can. Plant Dis. Survey 46: 112-114.

1818. TOMS, H.N.W. 1968. Can. Plant Dis. Survey 48: 28-31.

1819. TOOLE, B. & Z.A. PATRICK. 1977. Can. Phytopath. Soc. Proc. 44: 46.

1820. TRAQUAIR, J.A. 1980. Can. J. Plant Path. 2: 105-115.

1821. TRAQUAIR, J.A. & J.F. AMMIRATI. 1979. Can. Phytopath. Soc. Proc. 46: 72.

1822. TRAQUAIR, J.A. & Y. HIRATSUKA. 1979. Can. Phytopath. Soc. Proc. 46: 72.

1823. TRAQUAIR, J.A. & L.L. KENNEDY. 1974. Can. J. Bot. 52: 1875-1881.

1824. TRAQUAIR, J.A. & E.G. KOKKO. 1980. Can. J. Bot. 58: 2454-2458.

1825. TRAQUAIR, J.A. & W.E. McKEEN. 1980. Mycologia 72: 378-394.

1826. TRIBE, H.T. 1960. Can. J. Microbiol. 6: 309-316.

1827. TRIESELMANN, R.A. & P. NAPHAN. 1970. Can. Forestry Service, Sault Ste Marie. Report O-X-136.

1828. TRIESELMANN, R.A., F.A. BRICAULT & C.A. BARNES. 1974. Can. Forestry Service, Sault Ste Marie. Report O-X-206.

1829. TSUKAMOTO, J.Y. 1965. Can. J. Plant Sci. 45: 197-198.

1830. TSUNEDA, A. & Y. HIRATSUKA. 1979. Can. J. Plant Path. 1: 31-36.

1831. TSUNEDA, A. & W.P. SKOROPAD. 1977. Can. J. Bot. 55: 1276-1281.

1832. TSUNEDA, A. & W.P. SKOROPAD. 1978. Can. J. Bot. 56: 1333-1340.

1833. TSUNEDA, A. & W.P. SKOROPAD. 1978. Can. J. Bot. 56: 1341-1345.

1834. TSUNEDA, A., Y. HIRATSUKA & P.J. MARUYAMA. 1980. Can. J. Bot. 58: 1154-1159.

1835. TU, C.C. & J.W. KIMBROUGH. 1978. Bot. Gaz. 139: 454-466.

1836. TU, J.C. & W.R. JARVIS. 1979. Can. J. Plant Path. 1: 12-16.

1837. TU, J.C. & M.E. McNAUGHTON. 1980. Can. J. Plant Sci. 60: 585-589.

1838. TULLOCH, A.P. & G.A. LEDINGHAM. 1960. Can. J. Microbiol. 6: 425-434.

1839. TULLOCH, A.P. & G.A. LEDINGHAM. 1962. Can. J. Microbiol. 8: 379-387.

1840. TUREL, F.L. 1969. Can. J. Bot. 47: 821-823.

1841. TYRRELL, D. & D.M. MACLEOD. 1975. Can. J. Bot. 53: 1188-1191.

1842. UPADHYAY, H.P. & W.B. KENDRICK. 1975. Mycologia 67: 798-805.

1843. UTKHEDE, R.S. & J.E. RAHE. 1978. Can. J. Plant Sci. 58: 819-822.

1844. UTKHEDE, R.S. & J.E. RAHE. 1980. Can. J. Plant Path. 2: 19-22.

1845. UTKHEDE, R.S., J.E. RAHE & D.J. ORMROD. 1978. Plant Disease Rep. 62: 1030-1034.

1846. VAARTAJA, O. 1975. Can. Plant Dis. Survey 55: 101-102.

1847. VAARTAJA, O., R.E. PITBLADO, R.I. BUZZELL & L.G. CRAWFORD. 1979. Can. J. Plant Sci. 59: 307-311.

1848. VAARTAJA, O., J. WILNER, W.H. CRAM, P.J. SALISBURY, A.W. CROOKSHANKS & G.A. MORGAN. 1964. Plant Disease Rep. 48: 12-15.

1849. VAARTNOU, H. 1970. Can. Plant Dis. Survey 50: 138-141.

1850. VAARTNOU, H. & I. TEWARI. 1972. Plant Disease Rep. 56: 633-635.

1851. VAARTNOU, H. & I. TEWARI. 1972. Plant Disease Rep. 56: 676-677.

1852. VAN ADRICHEM, M.C.J. & J.E. BOSHER. 1962. Can. J. Plant Sci. 42: 365-367.

1853. VAN ADRICHEM, M.C.J. & J.E. BOSHER. 1962. Can. Plant Dis. Survey 42: 118-121.

1854. VAN DER KAMP, B.J. 1975. Can. J. Forest Res. 5: 61-67.

1855. VAN DER WESTHUIZEN, G.C.A. 1963. Can. J. Bot. 41: 1487-1499.

1856. VAN SICKLE, G.A. 1969. Plant Disease Rep. 53: 369-371.

1857. VAN SICKLE, G.A. 1973. Plant Disease Rep. 57: 608-611.

1858. VAN SICKLE, G.A. 1973. Plant Disease Rep. 57: 765-766.

1859. VAN SICKLE, G.A. 1974. Can. J. Forest Res. 4: 138-140.

1860. VAN SICKLE, G.A. 1974. Plant Disease Rep. 58: 872-874.

1861. VAN SICKLE, G.A. 1975. Can. J. Bot. 53: 8-17.

1862. VAN SICKLE, G.A. 1977. Can. J. Bot. 55: 745-751.

1863. VAN SICKLE, G.A. & W.R. NEWELL. 1968. Plant Disease Rep. 52: 455-458.

1864. VANTERPOOL, T.C. 1960. Can. Plant Dis. Survey 40: 59-60.

1865. VANTERPOOL, T.C. 1960. Can. Plant Dis. Survey 40: 60-61.

1866. VANTERPOOL, T.C. 1960. Plant Disease Rep. 44: 362-363.

1867. VANTERPOOL, T.C. 1961. Can. Phytopath. Soc. Proc. 28: 15-16.

1868. VANTERPOOL, T.C. 1961. Can. Plant Dis. Survey 41: 372-373.

1869. VANTERPOOL, T.C. 1962. Can. Plant Dis. Survey 42: 214-215.

1870. VANTERPOOL, T.C. 1963. Can. Phytopath. Soc. Proc. 30: 19.

1871. VANTERPOOL, T.C. 1963. Can. Plant Dis. Survey 43: 212-214.

1872. VANTERPOOL, T.C. 1968. Can. Phytopath. Soc. Proc. 35: 20.

1873. VANTERPOOL, T.C. 1974. Can. J. Bot. 52: 1205-1208.

1874. VANTERPOOL, T.C. & M.J. KUO. 1961. Can. Phytopath. Soc. Proc. 28: 16.

1875. VANTERPOOL, T.C. & R. MACRAE. 1951. Can. J. Bot. 29: 147-157.

1876. VERMA, P.R. & R.A.A. MORRALL. 1971. Can. Phytopath. Soc. Proc. 38: 22.

1877. VERMA, P.R. & R.A.A. MORRALL. 1975. Can. Phytopath. Soc. Proc. 42: 20.

1878. VERMA, P.R. & G.A. PETRIE. 1980. Can. J. Plant Sci. 60: 267-271.

1879. VERMA, P.R., R.A.A. MORRALL & R.D. TINLINE. 1974. Can. J. Bot. 52: 1757-1764.

1880. VON ARX, J.A. 1979. Cross-Reference Names for Pleomorphic Fungi Discussion. *In*: B. Kendrick ed., The Whole Fungus, Vol. 1: 40. Nat. Museums of Canada, Ottawa.

1881. WAKEFIELD, E.M. 1960. Mycologia 52: 919-933.

1882. WALL, R.E. 1964. Can. Plant Dis. Survey 44: 238.

1883. WALL, R.E. 1966. Can. Plant Dis. Survey 46: 95.

1884. WALL, R.E. 1971. Can. J. Forest Res. 1: 141-146.

1885. WALL, R.E. 1974. Can. Plant Dis. Survey 54: 116-118.

1886. WALL, R.E. & L.P. MAGASI. 1976. Can. J. Forest Res. 6: 448-452.

1887. WALLACE, H.A.H. 1960. Can. Plant Dis. Survey 40: 64-65.

1888. WALLACE, H.A.H. 1964. Can. Plant Dis. Survey 44: 268-278.

1889. WALLACE, H.A.H. 1965. Can. Plant Dis. Survey 45: 120-123.

1890. WALLACE, H.A.H. 1965. Can. Plant Dis. Survey 45: 124-126.

1891. WALLACE, H.A.H. 1969. Can. Plant Dis. Survey 49: 49-53.

1892. WALLACE, H.A.H. 1971. Can. Plant Dis. Survey 51: 3-8.

1893. WALLACE, H.A.H. & J.T. MILLS. 1968. Can. Plant Dis. Survey 48: 141-149.

1894. WALLACE, H.A.H. & J.T. MILLS. 1970. Can. Plant Dis. Survey 50: 74-79.

1895. WALLACE, H.A.H. & R.N. SINHA. 1962. Can. J. Plant Sci. 42: 130-141.

1896. WALLACE, H.A.H., R.N. SINHA & J.T. MILLS. 1976. Can. J. Bot. 54: 1332-1343.

1897. WALLACE, H.A.H., R.N. SINHA, G.E. LALIBERTE, B.M. FRASER, P.L. SHOLBERG & W.E. MUIR. 1979. Can. J. Plant Sci. 59: 991-999.

1898. WALLEN, V.R. 1960. Can. Plant Dis. Survey 40: 98.

1899. WALLEN, V.R. 1960. Plant Disease Rep. 44: 596.

1900. WALLEN, V.R. 1961. Can. Plant Dis. Survey 41: 365.

1901. WALLEN, V.R. 1962. Can. Phytopath. Soc. Proc. 29: 18.

1902. WALLEN, V.R. 1962. Can. Plant Dis. Survey 42: 261.

1903. WALLEN, V.R. 1964. Can. Plant Dis. Survey 44: 241.

1904. WALLEN, V.R. 1965. Can. J. Plant Sci. 45: 27-33.

1905. WALLEN, V.R. 1969. Can. Plant Dis. Survey 49: 27-28.

1906. WALLEN, V.R. 1976. Can. Plant Dis. Survey 56: 109.

1907. WALLEN, V.R. 1979. Can. Plant Dis. Survey 59: 69.

1908. WALLEN, V.R. & A.B. EDNIE. 1972. Can. Plant Dis. Survey 52: 42-44.

1909. WALLEN, V.R. & W.L. SEAMAN. 1963. Can. J. Bot. 41: 13-21.

1910. WALLEN, V.R. & M.D. SUTTON. 1962. Can. Plant Dis. Survey 42: 111-114.

1911. WALLEN, V.R. & M.D. SUTTON. 1967. Can. Plant Dis. Survey 47: 116.

1912. WALLIS, G.W. 1962. Can. Phytopath. Soc. Proc. 29: 18.

1913. WALLIS, G.W. 1976. Can. J. Forest Res. 6: 229-232.

1914. WALLIS, G.W. & D.J. MORRISON. 1975. Forestry Chronicle 51: 203-207.

1915. WALLIS, G.W. & G. REYNOLDS. 1965. Can. J. Bot. 43: 2-9.

1916. WALLIS, G.W. & G. REYNOLDS. 1970. Forestry Chronicle 46: 221-224.

1917. WALLIS, G.W. & G. REYNOLDS. 1975. Can. J. Forest Res. 5: 741-742.

1918. WANG, C.J.K. 1964. Can. J. Bot. 42: 1011-1016.

1919. WARD, E.W.B. & N. COLOTELO. 1960. Can. J. Microbiol. 6: 545-556.

1920. WATLING, R. 1978. Naturalist (London) 103: 39-57.

1921. WATLING, R. & O.K. MILLER. 1971. Can. J. Bot. 49: 1687-1690.

1922. WATSON, A.K. & J.E. MITIMORE. 1975. Can. J. Bot. 53: 2458-1461.

1923. WATSON, A.K., R.J. COPEMAN & A.J. RENNEY. 1974. Can. J. Bot. 52: 2639-2640.

1924. WEAVER, G.M. 1963. Can. J. Plant Sci. 43: 365-369.

1925. WEHMEYER, L.E. 1940. Can. J. Res. 18: 543-545.

1926. WEIR, L.C. 1963. Forestry Chronicle 39: 205-211.

1927. WEIR, L.C. & A.L.S. JOHNSON. 1967. Phytoprotection 48: 74-77.

1928. WELLS, S.A. & W.P. SKOROPAD. 1963. Can. J. Plant Sci. 43: 184-187.

1929. WENER, H.M. & R.F. CAIN. 1970. Can. J. Bot. 48: 325-327.

1930. WENSLEY, R.N. 1964. Can. J. Bot. 42: 841-857.

1931. WENSLEY, R.N. 1970. Can. J. Plant Sci. 50: 339-343.

1932. WENSLEY, R.N. & C.D. McKEEN. 1962. Can. J. Microbiol. 8: 57-64.

1933. WENSLEY, R.N. & C.D. MCKEEN. 1962. Can. J. Microbiol. 8: 818-819.

1934. WENSLEY, R.N. & C.D. MCKEEN. 1963. Can. J. Microbiol. 9: 237-249.

1935. WERESUB, L.K. 1961. Can. J. Bot. 39: 1453-1495.

1936. WERESUB, L.K. 1971. Can. J. Bot. 49: 2059-2060.

1937. WERESUB, L.K. 1974. Fungi Canadenses No. 27, National Mycological Herbarium, Agriculture Canada, Ottawa.

1938. WERESUB, L.K. 1974. Fungi Canadenses No. 45, National Mycological Herbarium, Agriculture Canada, Ottawa.

1939. WERESUB, L.K. 1976. Fungi Canadenses No. 87, National Mycological Herbarium, Agriculture Canada, Ottawa.

1940. WERESUB, L.K. 1977. Fungi Canadenses No. 91 National Mycological Herbarium, Agriculture Canada, Ottawa.

1941. WERESUB, L.K. & S. GIBSON. 1960. Can. J. Bot. 38: 833-867.

1942. WERESUB, L.K. & W.I. ILLMAN. 1980. Can. J. Bot. 58: 137-146.

1943. WERESUB, L.K. & P.M. LECLAIR. 1971. Can. J. Bot. 49: 2203-2213.

1944. WHITE, G.A. & A.N. STARRATT. 1967. Can. J. Bot. 45: 2087-2090.

1945. WHITNEY, H.S. 1964. Can. J. Bot. 42: 1397-1404.

1946. WHITNEY, H.S. & A. FUNK. 1977. Can. J. Bot. 55: 888-891.

1947. WHITNEY, H.S., J. REID & K.A. PIROZYNSKI. 1975. Can. J. Bot. 53: 3051-3063.

1948. WHITNEY, N.J. & C.G. MORTIMORE. 1961. Can. J. Plant Sci. 41: 854-861.

1949. WHITNEY, N.J. & C.G. MORTIMORE. 1962. Can. J. Plant Sci. 42: 302-307.

1950. WHITNEY, N.J. & C.R. MULHOLLAND. 1979. Can. Phytopath. Soc. Proc. 46: 76.

1951. WHITNEY, R.D. 1961. Forestry Chronicle 43:401-411.

1952. WHITNEY, R.D. 1962. Can. J. Bot. 40: 1631-1658.

1953. WHITNEY, R.D. 1966. Can. J. Bot. 44: 1333-1343.

1954. WHITNEY, R.D. 1966. Can. J. Bot. 44: 1711-1716.

1955. WHITNEY, R.D. 1973. Forestry Chronicle 49: 176-179.

1956. WHITNEY, R.D. 1974. Can. Phytopath. Soc. Proc. 41: 33.

1957. WHITNEY, R.D. 1976. Can. Phytopath. Soc. Proc. 43: 35.

1958. WHITNEY, R.D. 1979. Can. Phytopath. Soc. Proc. 46: 76.

1959. WHITNEY, R.D. & W.P. BOHAYCHUK. 1969. Can. J. Bot. 47: 1489-1491.

1960. WHITNEY, R.D. & W.P. BOHAYCHUK. 1971. Can. J. Bot. 49: 699-703.

1961. WHITNEY, R.D. & W.P. BOHAYCHUK. 1976. Can. J. Bot. 54: 2597-2602.

1962. WHITNEY, R.D. & W.P. BOHAYCHUK. 1976. Can. J. Forest Res. 6: 129-131.

1963. WHITNEY, R.D. & L.G. BRACE. 1979. Forestry Chronicle 55: 8-12.

1964. WHITNEY, R.D. & D.T. MYREN. 1978. Can. J. Forest Res. 8: 17-22.

1965. WHITNEY, R.D. & H. VAN GROENEWOUD. 1964. Forestry Chronicle 40: 308-312.

1966. WHITNEY, R.D., D.T. MYREN & W.E. BRITNELL. 1978. Can. J. Forest Res. 8: 348-351.

1967. WICKERHAM, L.J. 1960. Mycologia 52: 171-183.

1968. WICKERHAM, L.J. 1964. Mycologia 56: 253-266.

1969. WIDDEN, P. & D. PARKINSON. 1979. Can. J. Bot. 57: 2408-2417.

1970. WILDMAN, H.G. & D. PARKINSON. 1979. Can. J. Bot. 57: 2800-2811.

1971. WILLIAMS, J.R. & D. STELFOX. 1979. Plant Disease Rep. 63: 395-399.

1972. WILLIAMS, J.R. & D. STELFOX. 1980. Can. J. Plant Path. 2: 169-172.

1973. WILLIS, C.B. 1965. Can. J. Plant Sci. 45: 369-373.

1974. WILLIS, C.B. 1965. Can. Plant Dis. Survey 45: 8-11.

1975. WILLIS, C.B. 1966. Can. Plant Dis. Survey 46: 83-84.

1976. WILLIS, C.B. 1966. Can. Plant Dis. Survey 46: 96-98.

1977. WISBEY, B.D., R.J. COPEMAN & T.A. BLACK. 1977. Can. J. Plant Sci. 57: 235-241.

1978. WOOLIAMS, G.E. 1966. Can. J. Plant Sci. 46: 661-670.

1979. WOOLLIAMS, G.E. 1966. Can. Plant Dis. Survey 46: 5-6.

1980. WOOLLIAMS, G.E. 1967. Can. J. Plant Sci. 47: 61-63.

1981. WOOLLIAMS, G.E., L.G. DENBY & A.S.F. HANSON. 1962. Can. J. Plant Sci. 42: 515-520.

1982. WRIGHT, D.S.C. & W.E. SACKSTON. 1973. Can. J. Plant Sci. 53: 391-393.

1983. WRIGHT, E.F. & R.F. CAIN. 1961. Can. J. Bot. 39: 1215-1230.

1984. WRIGHT, N.S. 1968. Can. Plant Dis. Survey 48: 77-81.

1985. YATES, A.R. & W.E. FERGUSON. 1963. Can. J. Bot. 41: 1599-1601.

1986. ZAFAR, S.I. & N. COLOTELO. 1969. Can. J. Bot. 47: 505-512.

1987. ZALASKY, H. 1964. Can. J. Bot. 42: 385-391.

1988. ZALASKY, H. 1964. Can. J. Bot. 42: 1049-1055.

1989. ZALASKY, H. 1964. Can. J. Bot. 42: 1586-1588.

1990. ZALASKY, H. 1965. Can. J. Bot. 43: 625-626.

1991. ZALASKY, H. 1965. Can. J. Bot. 43: 1157-1162.

1992. ZALASKY, H. 1965. Plant Disease Rep. 49: 50.

1993. ZALASKY, H. 1968. Can. J. Bot. 46: 57-60.

1994. ZALASKY, H. 1968. Can. J. Bot. 46: 1383-1387.

1995. ZALASKY, H. 1974. Can. J. Bot. 52: 11-13.

1996. ZALASKY, H. 1978. Phytoprotection 59: 43-50.

1997. ZALASKY, H. & C.G. RILEY. 1963. Can. J. Bot. 41: 459-465.

1998. ZALASKY, H., O.K. FENN & C.H. LINDQUIST. 1968. Plant Disease Rep. 52: 829-833.

1999. ZILLER, W.G. 1960. Can. J. Bot. 38: 869-871.

2000. ZILLER, W.G. 1961. Plant Disease Rep. 45: 90-94.

2001. ZILLER, W.G. 1961. Plant Disease Rep. 45: 327-329.

2002. ZILLER, W.G. 1965. Can. J. Bot. 43: 217-230.

2003. ZILLER, W.G. 1968. Can. J. Bot. 46: 1377-1381.

2004. ZILLER, W.G. 1969. Can. J. Bot. 47: 261-262.

2005. ZILLER, W.G. 1969. Plant Disease Rep. 53: 237-239.

2006. ZILLER, W.G. 1970. Can. J. Bot. 48: 1313-1319.

2007. ZILLER, W.G. 1970. Can. J. Bot. 48: 1471-1476.

2008. ZILLER, W.G. 1974. The Tree Rusts of Western Canada. Can. Forestry Service, Victoria. Publ. 1329.

2009. ZILLER, W.G. & A. FUNK. 1973. Can. J. Bot. 51: 1959-1963.

2010. ZILLER, W.G. & D. STIRLING. 1961. Forestry Chronicle 37: 331-338.

2011. ZIMMER, D.E. & J.A. HOES. 1974. Plant Disease Rep. 58: 311-313.

2012. ZIMMER, R.C. 1974. Can. Plant Dis. Survey 54: 55-56.

2013. ZIMMER, R.C. 1978. Plant Disease Rep. 62: 471-473.

INDICES OF SCIENTIFIC NAMES OF FUNGI AND OTHER CAUSAL AGENTS

Note: Names in Roman type are main headings in the text. Synonyms are in italics. To save space the author combinations Berkeley & Curtis appear as B. & C., Bourdot & Galzin appear as B. & G., Ellis & Everhart appear as E. & E., and Hoehnel & Litschauer appear as H. & L.

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Addenda

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24 *Puccinia graminis* f. sp. *secalis* should read *P. graminis* ssp. *graminis* var. *stakmanii (P. graminis* f. sp. *secalis)*.

25 *Puccinia graminis* f. sp. *agrostidis* should read *P. graminis* ssp. *graminicola (P. graminis* f. sp. *agrostidis)*.

47 *Puccinia graminis* f. sp. *avenae* should read *P. graminis* ssp. *graminis* var. *stakmanii (P. graminis* f. sp. *avenae)*.

47 *Puccinia graminis* f. sp. *tritici* should read *P. graminis* ssp. *graminis* var. *graminis (P. graminis* f. sp. *tritici)*.

66 After *Orphanomyces arcticus* insert *(Ustilago a.)*.

88 *Puccinia graminis* f. sp. *secalis* should read *P. graminis* ssp. *graminis* var. *stakmanii (P. graminis* f. sp. *secalis)*.

97 *Hendersonia culmicola* should read *Stagonospora culmicola (Hendersonia c.)*.

181 Insert *Cytospora nivea* (holomorph *Leucostoma n.*): on 7 Ont [1340].

194 After *Monilinia fructicola* add *(Sclerotinia f.)*.

199, 238, 250 *Paxillus panuoides* should read *Tapinella panuoides (Paxillus p.)*.

244 Insert *Aspergillus clavatus*: on 6 in storage Man [1896].

Two important papers dealing with wood decay fungi were overlooked and the oversight was not discovered in time to include the records in: Basham, J.T. & Z.J.R. Morawski. 1964. Can. Forestry Service, Ottawa, Publ. 1072, and Engelhardt, N.T., R.E. Foster & H.M. Craig. 1961. Studies in Forest Pathology 23: 1-20. Can. Dept. Forestry,. Ottawa.

Since the manuscript was completed in October 1984 the circumscription of several pertinent genera has changed. These revisions could not be integrated in the manuscript.

J. Ginns, October 1986